



CIRCULAR CONNECTOR SYSTEM

西霸士[®] 圆形连接器



SIBAS Product Range

The individual product types are classified as follows:

- Circular connectors for industrial applications
- Connectors for automation technology
- Customizes solutions

All products are on offer to meet the high requirements with in Various application fields and special demands for processing by end user . Apart from our standard products we also develop customized solutions for connection problems in close co-operation with user.



SIBAS Quality

Quality of product as well as service is one of our most important principles.
Our Q-management system has been certificate according to EN ISO9001 in 2006.
Our products are all ROHS free.

Circular connectors system

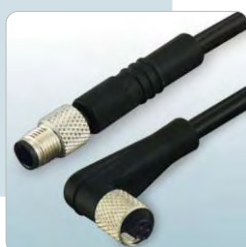
Page

Overview



Technical information overview

00



M5 circular connectors series

01

- Circular connector with M5X0.5 screw locking
- Contact plating: Gold
- 3,4 poles available
- Degree of protection IP67
- Ambient temperature -5°C ~80°C



M8 circular connectors series

02

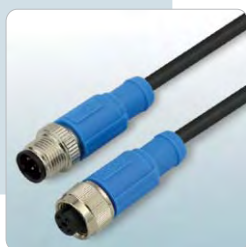
- Circular connector with M8X1 screw locking
- Moulded /Screw connection
- Plug design as per IEC61076-2-104
- 3,4,6poles available
- Cable length 1.5m/3m/5m/10m
- Degree of protection IP67
- Ambient temperature -25°C ~90°C



M12 circular connectors series

03

- Circular connector with M12X1 screw locking
- Screw connection
- Shielded/Ordinary
- Plug design as per IEC61076-2-101
- 2,3,4,5,8,12 poles available
- Coding:A-coded,B-coded,D-coded
- Degree of protection IP67
- Ambient temperature -40°C ~85°C



M12 connectors series

04

- Circular connector with M12X1 screw locking
- Shielded /With LEDs/Ordinary
- Plug design as per IEC61076-2-101
- 2,3,4,5,8,12 poles available
- Coding:A-standard,B-standard,D-standard
- Cable length 1.5m/3m/5m/10m
- Degree of protection IP65/IP67
- Ambient temperature -25°C ~90°C

Circular connectors system

Page



M12 connector base series

05

- Circular connector with M12X1 screw locking
- Solder/Moulded
- Front mounting/Rear mounting
- Plug design as per IEC61076-2-101
- 2,3,4,5,8,12 poles available
- Degree of protection IP67
- Ambient temperature -25°C ~85°C



M12 Y/T distributor series

06

- Circular connector with M12X1 screw locking
- With self-locking threaded joint
- 3,4,5 poles available
- Degree of protection IP65/IP67
- Ambient temperature -25°C ~90°C



M16 circular connectors series

07

- Circular connector with M16x0.75 screw locking
- Connector with screw locking according to IEC 130-9
- 3,4,5,6,7,8,12 poles available
- Degree of protection IP67
- Ambient temperature -40°C ~125°C



M23 circular connectors series

08

- Circular connector with M23x1 screw locking
- Signal/Power
- Solder/Moulded
- Pinout type: Clockwise/counter-clockwise
- Signal series: 9,12,17,19 poles available
- Power series: 6,8 poles available
- Degree of protection IP67
- Ambient temperature -40°C ~125°C



RD24 circular connectors series

09

- Circular connector with RD24 screw locking
- Screw connection
- Plug design as per DIN 405-2
- 4,7 poles available
- Degree of protection IP67
- Ambient temperature -40°C ~100°C

Circular connectors system

Page

RD30 circular connectors series

10



- Circular connector with RD30 screw locking
- Screw connection
- 5,13 poles available
- Degree of protection IP67
- Ambient temperature -40°C ~ 100°C

Magnetic valve connectors size A,B

11



- Professional for hydraulic, pneumatic and electro-magnetic actuators
- Design as per DIN EN 175301-803
- Model A,B
- Moulded on cable / Assembly
- 3,4 poles available (including PE)
- Degree of protection IP65/IP67
- Ambient temperature -40°C ~ 125°C

Mini 7/8" circular connectors series

12



- Circular connector with mini 7/8" screw locking
- Screw connection / Moulded
- 3,4,5 poles available
- Degree of protection IP67
- Ambient temperature -25°C ~ 90°C

M8 sensor actuator boxes

13



- M8 Multi-port input and output terminal block
- Fast, simple installation with cage clamp terminals
- Twin communication of the plug-in stations
- Cable length 5m/10m
- Single occupancy / Double occupancy
- Number of Ports: 4 ports, 6 ports, 8 ports, 10 ports
- Degree of protection IP65/IP67
- Ambient temperature -30°C ~ 80°C

M12 sensor actuator boxes

14



- M12 Multi-port input and output terminal block
- Fast, simple installation with cage clamp terminals
- Twin communication of the plug-in stations
- LED indicator for module supply and I/O status
- PNP/NPN
- Single occupancy / Double occupancy
- Number of Ports: 4 ports, 6 ports, 8 ports
- Degree of protection IP65/IP67
- Ambient temperature -30°C ~ 80°C

Circular connectors system

Page



Cable series

15

- PVC cable/PUR cable /LSZH cable/Shilded cable
- 2,3,4,5,8 poles
- Sheath color:Black/Gray/Orange/Yellow/Violet
- Degree of protection IP65/IP67
- According to VDE 0472/UL 758

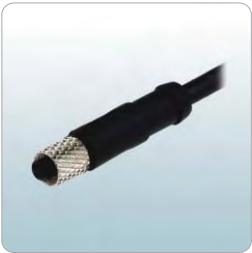
Products show



M5 Page 01.02



M5 Page 01.03



M5 Page 01.04



M5 Page 01.05



M5 Page 01.06



M5 Page 01.06



M5 Page 01.07



M5 Page 01.08



M8 Page 02.02



M8 Page 02.02



M8 Page 02.03



M8 Page 02.03



M8 Page 02.04



M8 Page 02.05



M8 Page 02.06



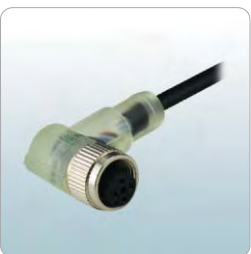
M8 Page 02.08



M8 Page 02.09



M8 Page 02.11



M8 Page 02.12



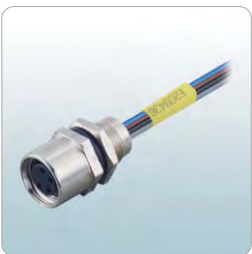
M8 Page 02.13



M8 Page 02.13



M8 Page 02.14



M8 Page 02.15



M8 Page 02.16



M8 Page 02.16

Products show

Overview



M12 Page 03.02



M12 Page 03.04



M12 Page 03.06



M12 Page 03.08



M12 Page 03.10



M12 Page 03.12



M12 Page 03.14



M12 Page 03.16



M12 Page 04.01



M12 Page 04.05



M12 Page 04.11



M12 Page 04.15



M12 Page 04.21



M12 Page 04.27



M12 Page 04.31



M12 Page 04.37



M12 Page 04.41



M12 Page 04.43



M12 Page 04.45



M12 Page 05.01



M12 Page 05.02



M12 Page 05.06



M12 Page 05.07



M12 Page 05.11

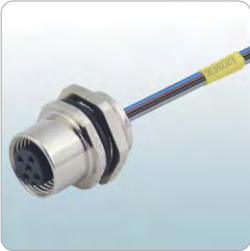


M12 Page 05.13

Products show



M12 Page 05.15



M12 Page 05.18



M12 Page 05.21



M12 Page 05.23



M12 Page 05.26



M12 Page 05.26



M12 Page 05.26



M12 Page 05.27



M12 Page 05.27



M12 Page 06.01



M12 Page 06.04



M16 Page 07.02



M16 Page 07.03



M16 Page 07.04



M16 Page 07.05



M23 Page 08.01



M23 Page 08.03



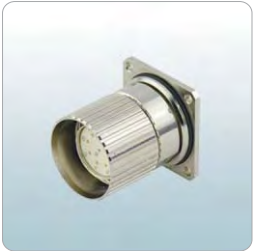
M23 Page 08.05



M23 Page 08.07



M23 Page 08.11



M23 Page 08.13



M23 Page 08.15



M23 Page 08.17



M23 Page 08.18



M8 Page 08.19

Products show

Overview



RD24 Page 09.01



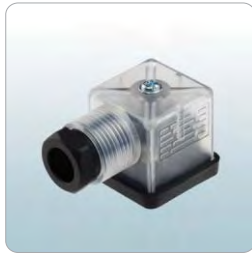
RD24 Page 09.02



Magnetic valve Page 11.01



Magnetic valve Page 11.02



Magnetic valve Page 11.03



7/8" Page 12.01



7/8" Page 12.02



7/8" Page 12.03



7/8" Page 12.06



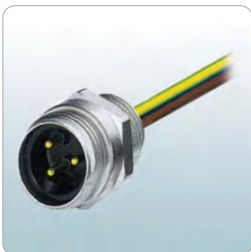
7/8" Page 12.09



7/8" Page 12.12



7/8" Page 12.15



7/8" Page 12.17



7/8" Page 12.19



7/8" Page 12.21



DIM Page 12.23



DIM Page 12.25



DIM Page 12.25



DIM Page 12.27



DIM Page 12.29



DIM Page 12.30



M36 Page 12.31



M36 Page 12.31



M12 Box Page 14.02



M12 Box Page 14.07

Important user information

Decisive for the application of connectors are the requirements of the equipment specifications of the users. The connectors described in this catalog are designed and manufactured to DIN VDE 0627.

We reserve the right to change the design due to improvements in quality, further development or production requirements.

All technical data mentioned in this catalog are related to connectors, meaning connection devices which in normal use (when under load) shall not be inserted or withdrawn.

The listed technical data are intended as help to select the right product and to secure a proper application. The data are used to describe the product, however, certain properties are not guaranteed.

The connectors are developed and designed for the use in the field of equipment, control and electrical appliances they also can be used in other applications has to be checked by the user.

The wires to be connected shall be stripped only so far that distances to conductive parts are not shortened. When wires are soldered it has to be watched that no single strands stick out and no short circuit can occur.

All dimensions in this catalog are in mm.

General user information

- **Connectors**
Connectors are components which in normal use (under live) are not to be engaged or disengaged under live.
- **Plug and socket devices**
Plug and socket devices are components which in normal use (under live or load) may be engaged or disengaged when live or under load.
- **Termination methods**
Screw connection: A screw connection is a detachable electrical connection between a conductor and a screw clamp. Screw clamps are designed acc. to DIN/EN 60999/VDE 0609. The chart below shows the screw and the required clamping and testing torque.

Screw size	M2.5	M3	M3.5
Torque(Ncm)	40	50	60

Solder connection: Besides the soldering of single wires with solder irons or soldering machines the method of wave soldering or infra-red vapor phase soldering has gained great importance for connectors for printed boards or flexible wiring. When wires are soldered it has to be watched that no single strands stick out which could lead to a short circuit and that no large solder joints occur which would reduce the clearance and creepage distances unfavourably. Testing and valuation of solder joints and the relevant components is regulated in DIN EN 60068 part 2-20.

Crimp connection: A crimp connection is a non-detachable electrical connection between a conductor and a crimp contact product with crimp technology. The requirements for crimp connections are defined in DIN IEC 60352 part 2. An important point for the quality of a crimp connection is the achieved tensile strength of the termination.

Electrical Technical Information

- **Voltage grading of connectors (Insulation coordination)**
Clearances and creepage distances are the base of voltage grading of connectors. Valuation and dimensioning of clearances and creepage distances have changed since the introduction of insulation coordination. The following standards apply for this:
IEC 60664-1/11.92: Insulation coordination for equipment with in low-voltage systems
DIN VDE 0110/4.97: Insulation coordination for equipment with in low-voltage systems
As the use and the environment, including equipment insulation insulating properties of choice (e.g. Connectors)

In this respect some definitions are explained in short

Rated voltage: The value of voltage assigned by the manufacturer to the connector and to which operation and performance characteristics are referred.

Rated impulse voltage: The value of an impulse with standard voltage assigned by the manufacturer to the connector characterizes the specified withstand capability of its insulation against transient overvoltage.

Clearance: The shortest distance in air between two conductive parts.

Creepage distance: The shortest distance along the surface of the insulating material between two conductive parts.

Electrical Technical Information

Voltage grading of connectors(Insulation coordination)

The expected pollution around the equipment(e.g. Connectors) was established in the standard in four degrees.

Pollution degree 1

No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

For example: The inside of electrical measuring instruments, electronic measuring device.

Pollution degree 2

Only non-conductive pollution occurs. Except that occasionally a temporary conductivity caused by condensation is to be expected.

For example: Household appliances, installation material, lamps, power supplies of office equipment.

Pollution degree 3

Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected.

For example: Electrical equipment of machine tools and processing machines, low voltage switches at machine tools.

Pollution degree 4

The pollution generates persistent conductivity caused by conductive dust or by rain or snow.

For example: Equipment on wagon roofs and beneath wagons at electrical locomotives, rail cars, trolley busses, Equipment at electrical locomotives underground.

Electrical Technical Information

Current carrying capacity

The current capacity of a connector denotes the current that can be carried continuously and simultaneously through all its contacts. It is determined by following the standard DIN IEC 60512.

The upper limit temperature results from the thermal properties of the contact and insulating materials. The sum of the ambient temperature and the temperature created by the current flow may not exceed the upper limit temperature of the connector.

This means that the current carrying capacity is no fixed value but decreases with increasing ambient temperatures. This relation between current, the caused temperature rise and ambient temperature of the connector is depicted in a curve, the so-called derating curve.

On the other hand very often not all contacts are loaded simultaneously with the whole rated current so that some single contacts can carry a higher current than that according to the derating curve. These currents have to be determined by testing.

Electrical Technical Information

Shielded, electromagnetic compatibility(EMC)

Since the issue of the German law about electromagnetic compatibility of equipment more attention is paid to EMC within the concerned equipment. The equipment has to be designed such a way that:

- 1.The generation of electromagnetic interference is limited to such extent that the determined operation of this equipment is not hampered.
- 2.The equipment has a reasonable resistance against electromagnetic interference so that the determined operation is not hampered.

To satisfy the requirements of the equipment manufacturers more and more connectors with shielding properties are applied where shielded cables can be connected. In use are conductive housing to which the cable shield can be terminal. In case of circular connectors it should be watched that the cable shield is carefully connected to the connectors shield. A circumferentially (360°) contact is to in this case optimal. Good shielding values (and very often sufficient for practical use) are also achieved when the shielding braid is firmly connected to the conductive housing. Not sufficient are fully plastic connectors without metal sleeves with no possibility to terminate the cable shield. Furthermore it is important that during mating a secure electrical connection between plug and socket housing is achieved and that the panel mounted connectors part has a good metallic connection with the chassis wall. The shielding attenuation is stated in decibel (dB) and depends on the frequency. Good shields have a high attenuation which over a large frequency band (MHz) does not decrease too heavily.

Information about used materials

Two material groups are used to manufacture the connectors described in this catalog:

1. Metals for contacts and housings
2. Plastic material for inserts and housings

Material for contacts

The properties of contacts are defined to a large extent by the used materials. Decisive features are:

1. Strength and spring properties
2. Electrical conductivity
3. Max. operating temperature

Considering these points Sibas is using proven copper-alloys for the manufacture of contacts ; for pin contacts brass (CuZn), for socket contacts phosphor bronze (CuSn). Brass combines good strength with good conductivity and temperature stability. Phosphor bronze offers next to a good conductivity very good spring capabilities and high temperature performance.

- **Material for metal housings**

Depending on the application the metal housings are produced from either brass , zinc die-cast or an aluminium alloy . For circular housing parts mainly brass is used due to its good machine ability and strength. For angled housings and parts with minor finishing work zinc die-cast or an aluminium alloy is used.

- **Plastic for metal housings**

The insert of Sibas are manufactured primarily for PBT, a plastic material with a temperature stability of up to 125°C and special properties for high grade moulded parts. The material has very good chemical and electrical properties very good dimensional stability.

- **Surface finishes**

In order to protect contacts and housing from aggressive environments and to improve the conductivity the surfaces are treated accordingly .At Sibas are gold or silver plated. These platings improve the conductivity and are very corrosion-proof. For applications in the mA-range at very low voltages, gold plated contacts are recommended to improve the electrical properties and in addition, it increases the corrosion-proofness. Housings are anodised or covered with a plating of either nickel or chromium for anti-corrosion and decorative reasons.

Information to used standards

The following is a sample connector using the standard instructions. These are:

IEC 60661-1;(2007-4),Insulation coordination

This international standard, which is identical to German standard DIN VDE 0110-1 issued April 1997, is a basic safety standard to achieve insulation coordination. It provides the information necessary to specify clearances, creepage distances and solid insulation for electrical equipment (e.g. Connectors), taking into account the expected micro-environment and other influencing stresses to which it is likely to be subjected during its anticipated lifetime. Included are methods for voltage testing in regards to the insulation coordination.

IEC 60529-1;(2001-2),Degrees of protection provided by enclosures(IP-Code)

This international standard, which is identical with the European standard DIN EN 60529 and the German standard DIN VDE 0470-1 of Nov. 1992, defines the designation, requirements and testing for the classification of degrees of protection by enclosures for electrical equipment (e.g. Connectors). It classifies the protection against access to hazardous parts, protection against foreign objects and protection against ingress of water. The degree of protection is indicated by an IP-Code.

IEC 60068-1;March 1995,Environmental testing

This international standard, which is identical with the European standard DIN EN 60068, contains basic procedures for environmental tests and test severities. The test procedures are intended to prove the resistance of components against expected environmental influences under working conditions. Typical tests are: cold, dry and damp heat, shock, vibration, temperature change and more.

DIN EN 61984(VDE 0627);2009-11,Connectors and Connection devices

This international standard is applicable for plug connectors with rated voltages ranging from 50V to 1000V AC and DC rated currents up to 500A per contact for which there is either no detail specification (DS), or if the detail specification with reference to the safety requirements is based on this standard. This standard may be used as a guide for plug connector with rated voltages up to 50V. In this case the design for clearances and leakage paths must be based on IEC 60664-1.

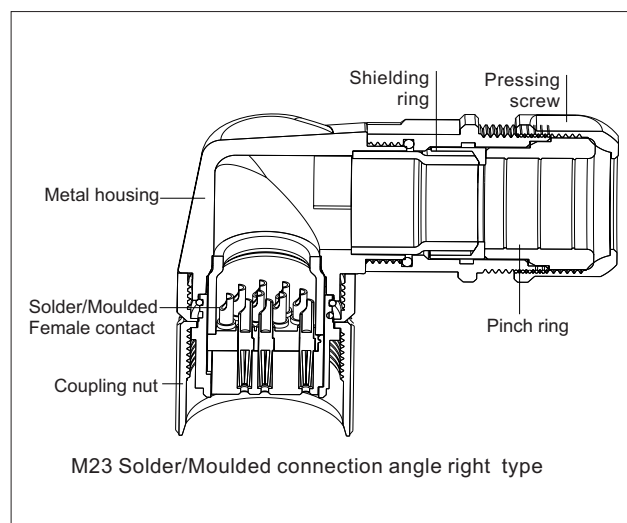
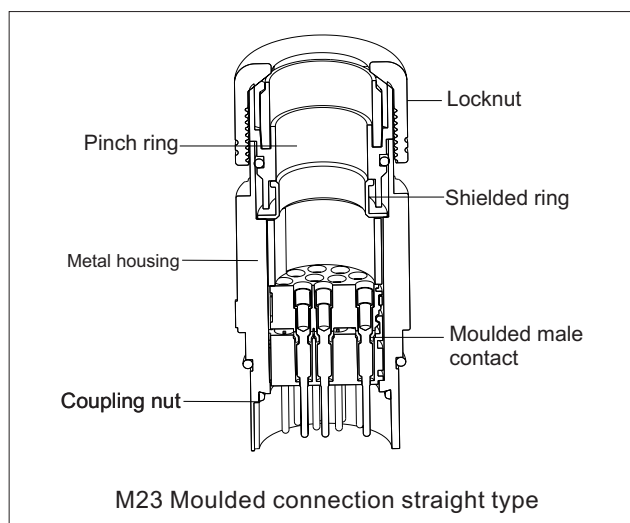
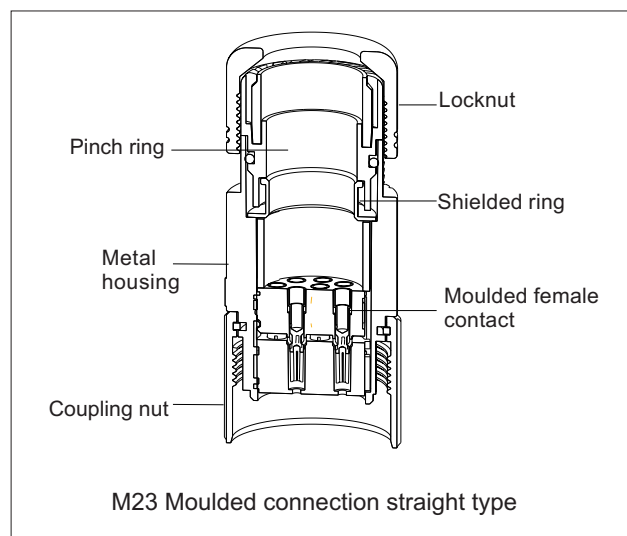
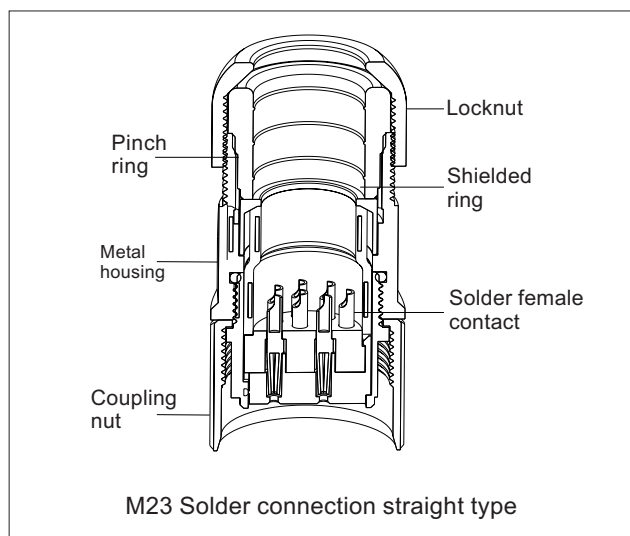
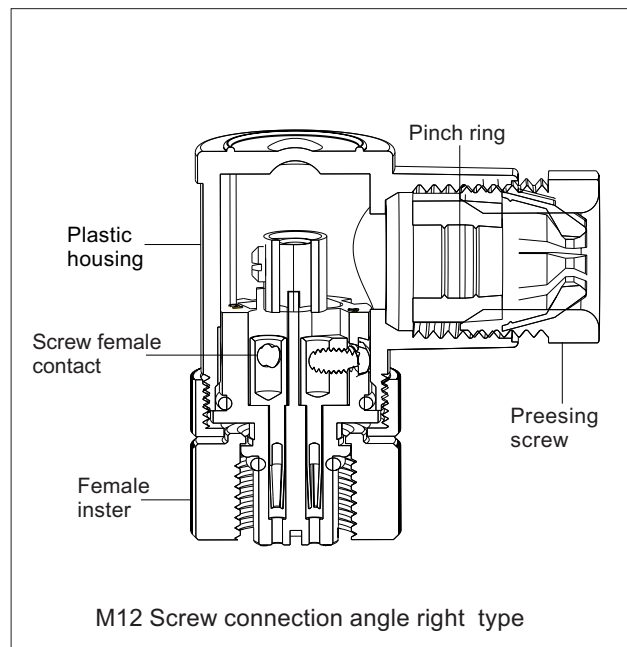
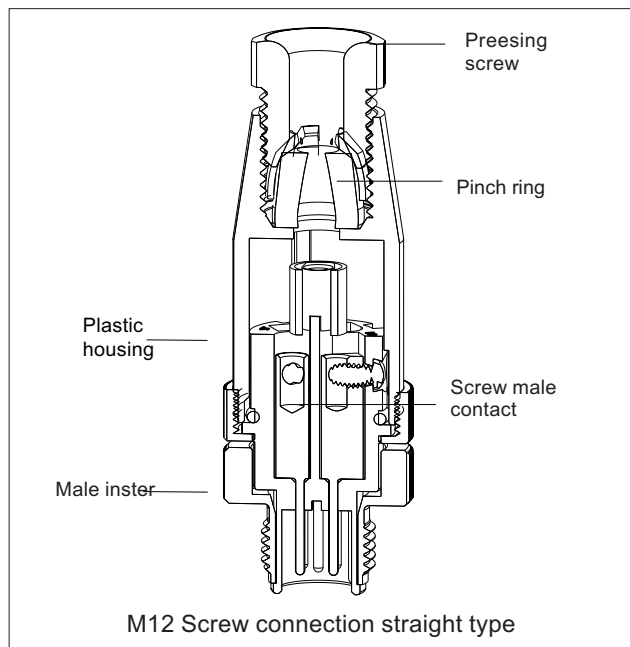
This standard may also be used as a guide for plug connectors with rated voltages greater than 125A per pole. This standard is not applicable for plug connectors in on equipment for which there are application-specific safety requirements for plug connectors.

Technical information

Series	Sort	Technical data					Connection data				
		Voltage [V]	Current [A]	Contacts [Ploes]	Degree of Protection	OD [Mm]	Connect type				Locking type
							Solder	Moulded	Screw	Shielded	Screw
M5 Series		125V	1A	3~4	IP67	3		●			
M8 Series		60V	4A	3	IP67	3.5~5.0		●	●		PG7
		30V	4A	4	IP67	3.5~5.0		●	●		PG7
M12 Series	M12 Connector	250V	4A	3~4	IP67	4~6			●	●	PG7
		250V	4A	3~4	IP67	6~8			●	●	PG9
		60V	4A	5	IP67	6~8			●	●	PG9
		30V	2A	8	IP67	6~8			●	●	PG9
	M12 Mould Cable	250V	4A	3~4	IP65/IP67	4.5/5.0		●		●	
		60V	4A	5	IP65/IP67	5.0/5.8		●		●	
		30V	2A	8	IP65/IP67	5.0/5.8		●		●	
	M12 Base	250V	4A	4	IP67	1.0~2.0	●	●			PG9
		60V	4A	5	IP67	1.0~2.0	●	●			PG9
		30V	4A	8	IP67	1.0~2.0	●	●			PG9
M16 Series		250V	6A	4	IP67	6~10	●			●	PG7/PG9
		125V	5A	6	IP67	6~10	●			●	PG7/PG9
		60V	5A	8	IP67	6~10	●			●	PG7/PG9
M23 Series		250V	20A	6/8	IP67	6~10	●	●		●	PG9/PG11
		250V	8x8A 1x10A	9	IP67	6~10	●	●		●	PG9/PG11
		150V	8A	12/16/17	IP67	6~10	●	●		●	PG9/PG11
		100V	16x8A 3x10A	19	IP67	6~10	●	●		●	PG9/PG11
RD24 Series		600V	12A	4	IP67	6~12			●		PG13.5/PG11
		150V	8A	7	IP67	6~12			●		PG13.5/PG11
RD30 Series		400V	20A	5	IP67	10~14			●		PG13.5/PG11
		250V	6A	13	IP67	12~14			●		PG13.5/PG11
Magntic Series		250V	10A	3/4	IP67	6~8			●	●	PG9
SAB Series	M8	24V	2A/6A	3/4	IP65/IP67	5~8	●	●			M16/M23
	M12	120V	4A/12A	4/5	IP65/IP67	6~12	●	●			M23

How to order

RPC Series type of connection



How to order

- RPC Series With Cable Moulded

RPC-M12-FS-5CON-PUR-1.0SH

SERIES

RPC=Round Plug Connector

SIZE

M5=M5x0.5 threaded
M8=M8x1 threaded
M12=M12x1 threaded
M16=M16x0.75 threaded
M23=M23x1 threaded
RD24=RD24 threaded
RD30=RD30 threaded
MV=Magnetic valve

INSTER TYPE

MS=Male Straight
MR=Male Right Angled
FS=Female Straight
FR=Female Right Angled
MF=Male Front Mount
MB=Male Behind Mount
FF=Female Front Mount
FB=Female Behind Mount

POLES

3CON=3 Poles
4CON=4 Poles
5CON=5 Poles
8CON=8 Poles
.....

CABLE SHEATH

PUR=PUR sheathed cable
PVC=PVC sheathed cable
OR=Resistant to welding beads cable

TYPE

SH=Shielded Connection
L2=With 2 LEDs
L3=With 3 LEDs
Y=Y Connecor

CABLE LENGTH

1.5=Cable length 1.5m
3.0=Cable length 3m
5.0=Cable length 5m
10.0=Cable length 10m

How to order

• RPC Series free end

RPC-M12-FS-5CON-PG9-SH

SERIES

RPC=Round Plug Connector

SIZE

M5=M5x0.5 threaded
M8=M8x1 threaded
M12=M12x1 threaded
M16=M16x0.75 threaded
M23=M23x1 threaded
RD24=RD24 threaded
RD30=RD30 threaded
MV=Magnetic valve

INSTER TYPE

MS=Male Straight
MR=Male Right Angled
FS=Female Straight
FR=Female Right Angled
MF=Male Front Mount
MB=Male Behind Mount
FF=Female Front Mount
FB=Female Behind Mount

POLES

3CON=3 Poles
4CON=4 Poles
5CON=5 Poles
8CON=8 Poles
.....

TYPE

SH=Shielded Connection
SW=Screw Connection
SO=Solder Connection
L2=With 2 LEDs
L3=With 3 LEDs
Y=Y Connetcor
T=T Connetcor
LA=Angled PCB Connection
LP=Parallel PCB Connection

TAIL SCREW TYPE

PG7=PG7 thread
PG9=PG7 thread
PG11=PG11 thread
PG13.5=PG13.5 thread
M12=M12 thread
M16=M16 thread

How to order

• Sensor Actuator Boxes Series

SAB-M12-PSL-5CON-8P-5PUR

SERIES

SAB=Sensor Actuator Boxs

SIZE

M8=M5x1 threaded
M12=M12x1 threaded
M16=M16x0.75 threaded
M23=M23x1 threaded

SIGNAL TYPE

PSL=With LED PNP SINGLE
PSL=With LED PNP DOUBLE
NSL=With LED NPN SINGLE
NDL=With LED NPN DOUBLE
NL=No LED's

POLES

3CON=3 Poles
4CON=4 Poles
5CON=5 Poles
8CON=8 Poles
.....

NUMBER OF PORTS

4P=4 Ports
6P=6 Ports
8P=8 Ports
10P=10 Ports

TYPE

PUR=With PUR Cable
PVC=With PVC Cable
M12=Master connect M12
M16=Master connect M16
M23=Master connect M23

CABLE LENGTH

5=Master Cable Length 5m
10=Master Cable Length 10m

How to order

- RPC M23 Series free end

RPC-M23-MSA-9CON-PG9-SH

SERIES

RPC=Round Plug Connector

SIZE

M23=M23 threaded

INSTER TYPE

MSA=Male Straight Clockwise
MSI=Male Straight Counter-clockwise
FSA=Female Straight Clockwise
FSI=Female Straight Counter-clockwise
FRA=Female Right Angled Clockwise
FRA=Female Right Angled Counter-clockwise
MBA=Male Behind Clockwise Mount
MBI=Male Behind Counter-clockwise Mount
MSP=Male Straight Power
FSP=Female Straight Power
MBP=Male Behind Power Mount

POLES

6CON=6 Poles
8CON=8 Poles
9CON=9 Poles
12CON=12 Poles
.....

TYPE

SH=Shielded Connection Moulded
SH2=Shielded Connection Solder
LA=Angled PCB Connection
LP=Parallel PCB Connection

TAIL SCREW TYPE

PG9=PG7 thread
PG11=PG11 thread
PG13.5=PG13.5 thread

M5 circular connectors series

- Circular connector with M5X0.5 screw locking
- Contact plating: Gold
- 3,4 poles available
- Degree of protection IP67
- Ambient temperature -5°C~80°C



M5 Male Moulded, Straight

Description: M5X0.5 straight plug, and free conductor end

3poles

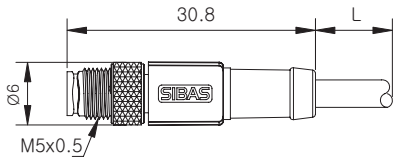


Male, 3-pole

4poles



Male, 4-pole



Description

Cable length

Contacts

PUR Cable

Type

Order No.

PVC Cable

Type

Order No.

1.5m

3-pole

RPC-M5-MS-3CON-PUR-1.5

4214036015

RPC-M5-MS-3CON-PVC-1.5

4215036015

3.0m

3-pole

RPC-M5-MS-3CON-PUR-3.0

4214036030

RPC-M5-MS-3CON-PVC-3.0

4215036030

5.0m

3-pole

RPC-M5-MS-3CON-PUR-5.0

4214036050

RPC-M5-MS-3CON-PVC-5.0

4215036050

10.0m

3-pole

RPC-M5-MS-3CON-PUR-10.0

4214036100

RPC-M5-MS-3CON-PVC-10.0

4215036100

1.5m

4-pole

RPC-M5-MS-4CON-PUR-1.5

4214046015

RPC-M5-MS-4CON-PVC-1.5

4215046015

3.0m

4-pole

RPC-M5-MS-4CON-PUR-3.0

4214046030

RPC-M5-MS-4CON-PVC-3.0

4215046030

5.0m

4-pole

RPC-M5-MS-4CON-PUR-5.0

4214046050

RPC-M5-MS-4CON-PVC-5.0

4215046050

10.0m

4-pole

RPC-M5-MS-4CON-PUR-10.0

4214046100

RPC-M5-MS-4CON-PVC-10.0

4215046100

Technical data

Nominal current

PUR Cable

1A

PVC Cable

1A

Rated voltage

60V

60V

Contact resistance

≤3m Ω

≤3m Ω

Pollution degree

3

3

Degree of protection

IP67

IP67

Ambient temperature

Cable, fixed installation

-40°C... +80°C

-10°C... +70°C

Cable, flexible installation

-5°C... +80°C

-5°C... +70°C

Ambient temperature Plug

-25°C... +80°C

-25°C... +90°C

Connector data

Insulating material

PA/TPU

PA/TPU

Contact material

CuZn

CuZn

Contact surface material

Au

Au

Material of grip body

TPU

TPU

Cable data

Cable Jacket

PUR

PVC

Cable diameter

3.3mm

3.3mm

Wire cross section

0.14mm²

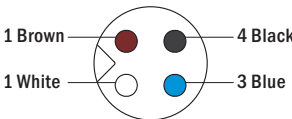
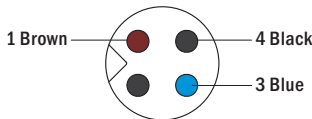
0.14mm²

Conductor structure

18x0.1mm

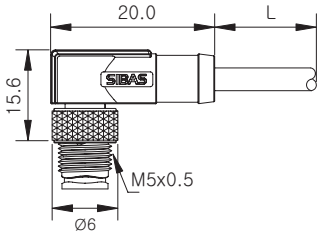
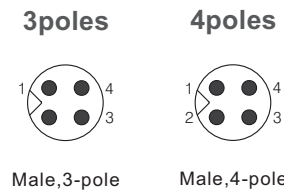
18x0.1mm

Assembly instruction



M5 Male Moulded, Angled

Description: M5X0.5 angled plug, and free conductor end



Description		PUR Cable		PVC Cable	
Cable length	Contacts	Type	Order No.	Type	Order No.
1.5m	3-pole	RPC-M5-MR-3CON-PUR-1.5	4234036015	RPC-M5-MR-3CON-PVC-1.5	4235036015
3.0m	3-pole	RPC-M5-MR-3CON-PUR-3.0	4234036030	RPC-M5-MR-3CON-PVC-3.0	4235036030
5.0m	3-pole	RPC-M5-MR-3CON-PUR-5.0	4234036050	RPC-M5-MR-3CON-PVC-5.0	4235036050
10.0m	3-pole	RPC-M5-MR-3CON-PUR-10.0	4234036100	RPC-M5-MR-3CON-PVC-10.0	4235036100
1.5m	4-pole	RPC-M5-MR-4CON-PUR-1.5	4234046015	RPC-M5-MR-4CON-PVC-1.5	4235046015
3.0m	4-pole	RPC-M5-MR-4CON-PUR-3.0	4234046030	RPC-M5-MR-4CON-PVC-3.0	4235046030
5.0m	4-pole	RPC-M5-MR-4CON-PUR-5.0	4234046050	RPC-M5-MR-4CON-PVC-5.0	4235046050
10.0m	4-pole	RPC-M5-MR-4CON-PUR-10.0	4234046100	RPC-M5-MR-4CON-PVC-10.0	4235046100

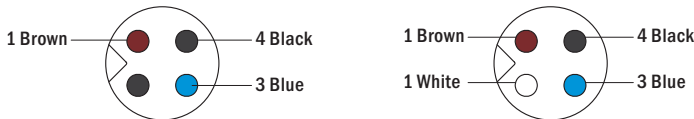
Technical data		PUR Cable	PVC Cable
Nominal current		1A	1A
Rated voltage		60V	60V
Contact resistance		≤3m Ω	≤3m Ω
Pollution degree		3	3
Degree of protection		IP67	IP67

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature Plug		-25°C. . . +80°C	-25°C. . . +90°C

Connector data		PUR Cable	PVC Cable
Insulating material		PA/TPU	PA/TPU
Contact material		CuZn	CuZn
Contact surface material		Au	Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		3.3mm	3.3mm
Wire cross section		0.14mm ²	0.14mm ²
Conductor structure		18x0.1mm	18x0.1mm

Assembly instruction



M5 Female Moulded, Straight

Description: M5X0.5 straight socket, and free conductor end

3poles

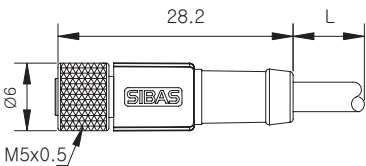


Female, 3-pole

4poles



Female, 4-pole



Description

Cable length

Contacts

PUR Cable

Type

Order No.

PVC Cable

Type

Order No.

1.5m

3-pole

RPC-M5-FS-3CON-PUR-1.5

4204037015

RPC-M5-FS-3CON-PVC-1.5

4205037015

3.0m

3-pole

RPC-M5-FS-3CON-PUR-3.0

4204037030

RPC-M5-FS-3CON-PVC-3.0

4205037030

5.0m

3-pole

RPC-M5-FS-3CON-PUR-5.0

4204037050

RPC-M5-FS-3CON-PVC-5.0

4205037050

10.0m

3-pole

RPC-M5-FS-3CON-PUR-10.0

4204037100

RPC-M5-FS-3CON-PVC-10.0

4205037100

1.5m

4-pole

RPC-M5-FS-4CON-PUR-1.5

4204047015

RPC-M5-FS-4CON-PVC-1.5

4205047015

3.0m

4-pole

RPC-M5-FS-4CON-PUR-3.0

4204047030

RPC-M5-FS-4CON-PVC-3.0

4205047030

5.0m

4-pole

RPC-M5-FS-4CON-PUR-5.0

4204047050

RPC-M5-FS-4CON-PVC-5.0

4205047050

10.0m

4-pole

RPC-M5-FS-4CON-PUR-10.0

4204047100

RPC-M5-FS-4CON-PVC-10.0

4205047100

Technical data

Nominal current

PUR Cable

1A

PVC Cable

1A

Rated voltage

60V

60V

Contact resistance

≤3m Ω

≤3m Ω

Pollution degree

3

3

Degree of protection

IP67

IP67

Ambient temperature

Cable, fixed installation

-40°C...+80°C

-10°C...+70°C

Cable, flexible installation

-5°C...+80°C

-5°C...+70°C

Ambient temperature Plug

-25°C...+80°C

-25°C...+90°C

Connector data

Insulating material

PA/TPU

PA/TPU

Contact material

CuZn

CuZn

Contact surface material

Au

Au

Material of grip body

TPU

TPU

Cable data

Cable Jacket

PUR

PVC

Cable diameter

3.3mm

3.3mm

Wire cross section

0.14mm²

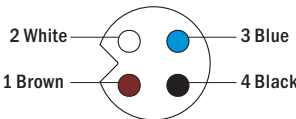
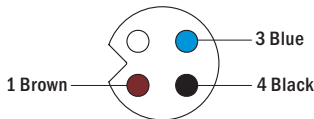
0.14mm²

Conductor structure

18x0.1mm

18x0.1mm

Assembly instruction



M5 Female Moulded, Angled

Description: M5X0.5 angled socket, and free conductor end

3poles

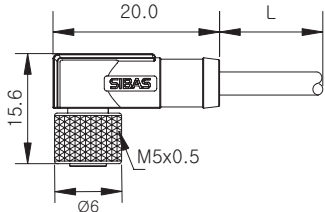


Female, 3-pole

4poles



Female, 4-pole



Description

Cable length

Contacts

PUR Cable

Type

Order No.

PVC Cable

Type

Order No.

1.5m

3-pole

RPC-M5-FR-3CON-PUR-1.5

4224037015

RPC-M5-FR-3CON-PVC-1.5

4225037015

3.0m

3-pole

RPC-M5-FR-3CON-PUR-3.0

4224037030

RPC-M5-FR-3CON-PVC-3.0

4225037030

5.0m

3-pole

RPC-M5-FR-3CON-PUR-5.0

4224037050

RPC-M5-FR-3CON-PVC-5.0

4225037050

10.0m

3-pole

RPC-M5-FR-3CON-PUR-10.0

4224037100

RPC-M5-FR-3CON-PVC-10.0

4225037100

1.5m

4-pole

RPC-M5-FR-4CON-PUR-1.5

4224047015

RPC-M5-FR-4CON-PVC-1.5

4225047015

3.0m

4-pole

RPC-M5-FR-4CON-PUR-3.0

4224047030

RPC-M5-FR-4CON-PVC-3.0

4225047030

5.0m

4-pole

RPC-M5-FR-4CON-PUR-5.0

4224047050

RPC-M5-FR-4CON-PVC-5.0

4225047050

10.0m

4-pole

RPC-M5-FR-4CON-PUR-10.0

4224047100

RPC-M5-FR-4CON-PVC-10.0

4225047100

Technical data

Nominal current

PUR Cable

1A

PVC Cable

1A

Rated voltage

60V

60V

Contact resistance

≤3m Ω

≤3m Ω

Pollution degree

3

3

Degree of protection

IP67

IP67

Ambient temperature

Cable, fixed installation

-40°C...+80°C

-10°C...+70°C

Cable, flexible installation

-5°C...+80°C

-5°C...+70°C

Ambient temperature Plug

-25°C...+80°C

-25°C...+90°C

Connector data

Insulating material

PA/TPU

PA/TPU

Contact material

CuZn

CuZn

Contact surface material

Au

Au

Material of grip body

TPU

TPU

Cable data

Cable Jacket

PUR

PVC

Cable diameter

3.3mm

3.3mm

Wire cross section

0.14mm²

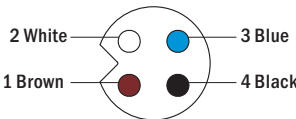
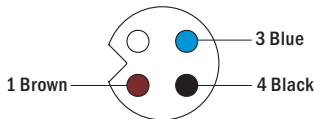
0.14mm²

Conductor structure

18x0.1mm

18x0.1mm

Assembly instruction

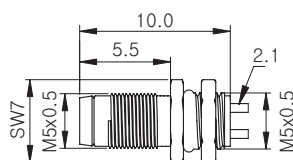


M5 Male Panel, Solder,Rear mounting,M5 fastening thread
3poles


Male,3-pole

4poles


Male,4-pole



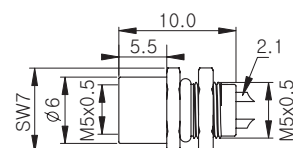
Description	Screw type	Contacts	Type	Order No.
M5X0.5 Plug,Solder Rear mounting,M5 fastening thread	M5	3-pole	RPC-M5-MB-3CON-M5-LA	4242100380
	M5	4-pole	RPC-M5-MB-4CON-M5-LA	4242100480

M5 Female Panel, Solder,Rear mounting,M5 fastening thread
3poles


Female,3-pole

4poles


Female,4-pole



Description	Screw type	Contacts	Type	Order No.
M5X0.5 Socket,Solder Rear mounting,M5 fastening thread	M5	3-pole	RPC-M5-FB-3CON-M5-LA	4242100390
	M5	4-pole	RPC-M5-FB-4CON-M5-LA	4242100490

Technical data

	3-pole	4-pole
Nominal current	1A	1A
Rated voltage	60V	60V
Over voltage category	II	II
Contact resistance	≤3mΩ	≤3mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

Mechanical data

Coding	A-standard	A-standard
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	CuZn/Au	CuZn/Au
Inflammability class in acc.with UL 94	V0/HB	V0/HB

Connector data

Type of connection	Solder	Solder
Connection cross-section max	0.14mm ²	0.14mm ²
Connection cross-section AWG max	28	28

Assembly instruction

M5 Male Panel, Moulded, Rear mounting, M5 fastening thread, With wires

3poles

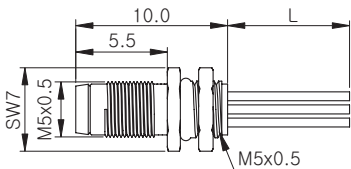


Male, 3-pole

4poles



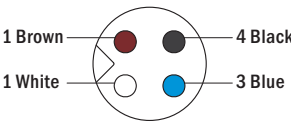
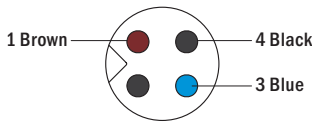
Male, 4-pole



M5 Series

Description	Cable length	Contacts	Type	Order No.
M5X0.5 Plug Solder Rear mounting M5 fastening thread with wires	0.5m	3-pole	RPC-M5-MB-3CON-M5-0.5LA	4245036005
	1.5m	3-pole	RPC-M5-MB-3CON-M5-1.5LA	4245036015
	3.0m	3-pole	RPC-M5-MB-3CON-M5-3.0LA	4245036030
	5.0m	3-pole	RPC-M5-MB-3CON-M5-5.0LA	4245036050
	0.5m	4-pole	RPC-M5-MB-4CON-M5-0.5LA	4245046005
	1.5m	4-pole	RPC-M5-MB-4CON-M5-1.5LA	4245046015
	3.0m	4-pole	RPC-M5-MB-4CON-M5-3.0LA	4245046030
	5.0m	4-pole	RPC-M5-MB-4CON-M5-5.0LA	4245046050
Technical data	3-pole	4-pole		
Nominal current	1A	1A		
Rated voltage	60V	60V		
Over voltage category	II	II		
Contact resistance	≤3mΩ	≤3mΩ		
Insulation resistance	>100MΩ	>100MΩ		
Pollution degree	3	3		
Degree of protection	IP67	IP67		
Operation temperature	-25°C~+85°C	-25°C~+85°C		
Mechanical data				
Contact carrier material	PA	PA		
Material contact/contact surface	CuZn/Au	CuZn/Au		
Inflammability class in acc.with UL 94	HB	HB		
Connector data				
Type of connection	Moulded	Moulded		
Connection cross-section max	0.14mm ²	0.14mm ²		
Connection cross-section AWG max	28	28		

Assembly instruction



M5 Female Panel, Moulded, Rear mounting, M5 fastening thread, With wires

3poles

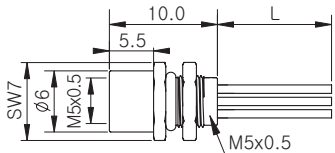


Female, 3-pole

4poles

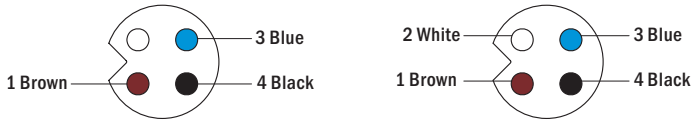


Female, 4-pole



Description	Cable length	Contacts	Type	Order No.
M5X0.5 Plug Solder Rear mounting M5 fastening thread with wires	0.5m	3-pole	RPC-M5-FB-3CON-M5-0.5LA	4245037005
	1.5m	3-pole	RPC-M5-FB-3CON-M5-1.5LA	4245037015
	3.0m	3-pole	RPC-M5-FB-3CON-M5-3.0LA	4245037030
	5.0m	3-pole	RPC-M5-FB-3CON-M5-5.0LA	4245037050
	0.5m	4-pole	RPC-M5-FB-4CON-M5-0.5LA	4245047005
	1.5m	4-pole	RPC-M5-FB-4CON-M5-1.5LA	4245047015
	3.0m	4-pole	RPC-M5-FB-4CON-M5-3.0LA	4245047030
	5.0m	4-pole	RPC-M5-FB-4CON-M5-5.0LA	4245047050
Technical data	3-pole	4-pole		
Nominal current	1A	1A		
Rated voltage	60V	60V		
Over voltage category	II	II		
Contact resistance	≤3mΩ	≤3mΩ		
Insulation resistance	>100MΩ	>100MΩ		
Pollution degree	3	3		
Degree of protection	IP67	IP67		
Operation temperature	-25°C~+85°C	-25°C~+85°C		
Mechanical data				
Contact carrier material	PA	PA		
Material contact/contact surface	CuZn/Au	CuZn/Au		
Inflammability class in acc.with UL 94	HB	HB		
Connector data				
Type of connection	Moulded	Moulded		
Connection cross-section max	0.14mm ²	0.14mm ²		
Connection cross-section AWG max	28	28		

Assembly instruction

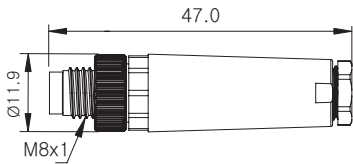
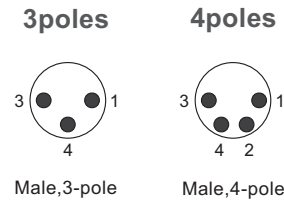


M8 circular connectors series

- Circular connector with M8X1 screw locking
- Moulded /Screw connection/Solder
- Plug design as per IEC61076-2-104
- 3,4,6 poles available
- Cable length 1.5m/3m/5m/10m
- Degree of protection IP67
- Ambient temperature -25°C~90°C

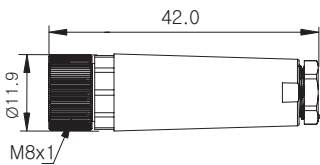
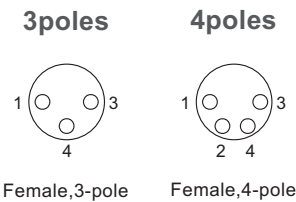


M8 Male Screw connection, Straight



Description	Screw type	Contacts	Type	Order No.
M8X1 Plug, Straight	PG7	3-pole	RPC-M8-MS-3CON-PG7-M	4010010300
Screw connection, Plastic housing	PG7	4-pole	RPC-M8-MS-4CON-PG7-M	4010010400

M8 Female Screw connection, Straight



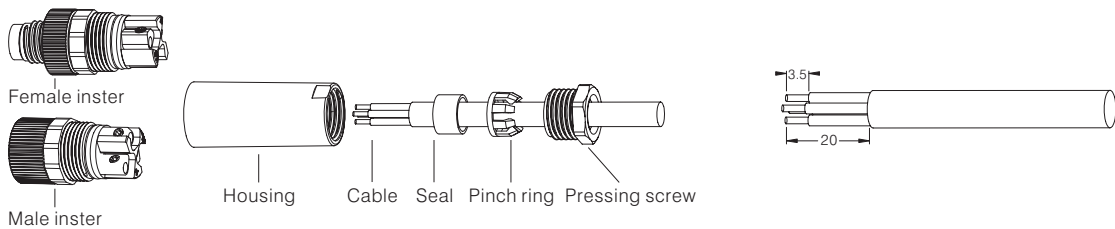
Description	Screw type	Contacts	Type	Order No.
M8X1 Socket, Straight	PG7	3-pole	RPC-M8-FS-3CON-PG7-M	4000010310
Screw connection, Plastic housing	PG7	4-pole	RPC-M8-FS-4CON-PG7-M	4000010410

Technical data	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	60V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C

Mechanical data		
Contact carrier material	PA	PA
Material contact/contact surface	Cu alloy/Au	Cu alloy/Au
Inflammability class in acc. with UL 94	V0	V0

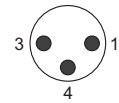
Connector data		
Type of connection	Screw connection	Screw connection
Cable diameter	3.5-5.0mm	3.5-5.0mm
Connection cross-section min./max	0.14mm²/0.25mm²	0.14mm²/0.25mm²
Connection cross-section AWG min./max	26/24	26/24

Assembly instruction



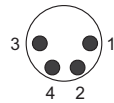
M8 Male Solder connection, Straight,Shielded

3poles

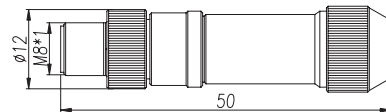


Male,3-pole

4poles



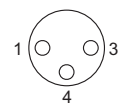
Male,4-pole



Description	Screw type	Contacts	Type	Order No.
M8X1 Plug,Shielded	PG7	3-pole	RPC-M8-MS-3CON-PG7-SH	4010010382
Solder connection,Metal housing	PG7	4-pole	RPC-M8-MS-4CON-PG7-SH	4010010482

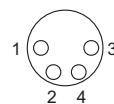
M8 Female Solder connection, Straight,Shielded

3poles

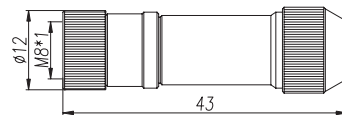


Female,3-pole

4poles



Female,4-pole



Description	Screw type	Contacts	Type	Order No.
M8X1 Socket,Straight,shielded	PG7	3-pole	RPC-M8-FS-3CON-PG7-SH	4000010392
Solder connction,Metal housing	PG7	4-pole	RPC-M8-FS-4CON-PG7-SH	4000010492

Technical data

	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	60V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C

Mechanical data

Contact carrier material	PA	PA
Material contact/contact surface	Cu alloy/Au	Cu alloy/Au
Inflammability class in acc.with UL 94	V0	V0

Connector data

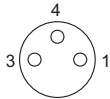
Type of connection	Solder connection	Solder connection
Cable diameter	3.5-5.0mm	3.5-5.0mm
Connection cross-section min./max	0.14mm ² /0.25mm ²	0.14mm ² /0.25mm ²
Connection cross-section AWG min./max	26/24	26/24

Assembly instruction

M8 Female Moulded , Straight,Special

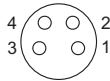
Description:M8 Quick Connect straight socket, and free conductor end

3poles

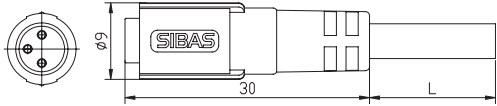


Female,3-pole

4poles



Female,4-pole



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,3poles	RPC-M8-FS-3CON-PUR-1.5S	4004034015	RPC-M8-FS-3CON-PVC-1.5S	4005034015
3.0m,3poles	RPC-M8-FS-3CON-PUR-3.0S	4004034030	RPC-M8-FS-3CON-PVC-3.0S	4005034030
5.0m,3poles	RPC-M8-FS-3CON-PUR-5.0S	4004034050	RPC-M8-FS-3CON-PVC-5.0S	4005034050
10m,3poles	RPC-M8-FS-3CON-PUR-10.0S	4004034100	RPC-M8-FS-3CON-PVC-10.0S	4005034100
1.5m,4poles	RPC-M8-FS-4CON-PUR-1.5S	4004044015	RPC-M8-FS-4CON-PVC-1.5S	4005044015
3.0m,4poles	RPC-M8-FS-4CON-PUR-3.0S	4004044030	RPC-M8-FS-4CON-PVC-3.0S	4005044030
5.0m,4poles	RPC-M8-FS-4CON-PUR-5.0S	4004044050	RPC-M8-FS-4CON-PVC-5.0S	4005044050
10m,4poles	RPC-M8-FS-4CON-PUR-10.0S	4004044100	RPC-M8-FS-4CON-PVC-10.0S	4005044100

Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	60V/30V	60V/30V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-40℃...+80℃	-10℃...+70℃
Cable, flexible installation	-5℃...+80℃	-5℃...+70℃
Ambient temperature Plug	-25℃...+90℃	-25℃...+90℃

Connector data		
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

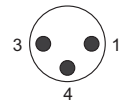
Cable data		
Cable Jacket	PUR	PVC
Cable diameter	4.5mm	4.5mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

Assembly instruction



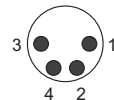
M8 Male Panel, Solder,Rear mounting,Sepcial,Quick Connect

3poles

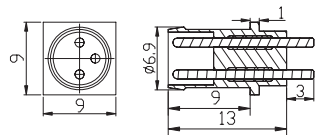


Male,3-pole

4poles



Male,4-pole



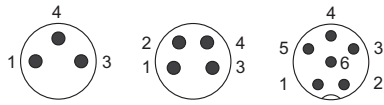
Description	Screw type	Contacts	Type	Order No.
M8X1.0 Plug,Solder	8.0	3-pole	RPC-M8-MB-3CON-8.0-LA	4042140380
Rear mounting,Quick connect	8.0	4-pole	RPC-M8-MB-4CON-8.0-LA	4042140480
Technical data				
	3-pole	4-pole		
Nominal current	4A	4A		
Rated voltage	60V	30V		
Over voltage category	II	II		
Contact resistance	≤3mΩ	≤5mΩ		
Insulation resistance	>100MΩ	>100MΩ		
Pollution degree	3	3		
Degree of protection	IP65	IP65		
Operation temperature	-25°C~+85°C	-25°C~+85°C		
Mechanical data				
Coding	A-standard	A-standard		
Contact carrier material	PA/TPU	PA/TPU		
Material contact/contact surface	CuZn/Ag	CuZn/Ag		
Inflammability class in acc.with UL 94	HB	HB		
Connector data				
Type of connection	Solder PCB	Solder PCB		
Connection -Ø	1.0mm	1.0mm		

Assembly instruction

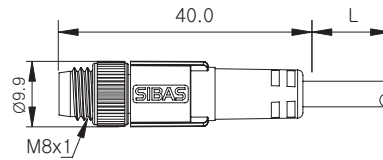
M8 Male Moulded, Straight

Description: M8X1 straight plug, and free conductor end

3poles 4poles 6poles



Male, 3-pole Male, 4-pole Male, 6-pole



Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 3poles	RPC-M8-MS-3CON-PUR-1.5	4014036015	RPC-M8-MS-3CON-PVC-1.5	4015036015	RPC-M8-MS-3CON-OR-1.5	4013036015
3.0m, 3poles	RPC-M8-MS-3CON-PUR-3.0	4014036030	RPC-M8-MS-3CON-PVC-3.0	4015036030	RPC-M8-MS-3CON-OR-3.0	4013036030
5.0m, 3poles	RPC-M8-MS-3CON-PUR-5.0	4014036050	RPC-M8-MS-3CON-PVC-5.0	4015036050	RPC-M8-MS-3CON-OR-5.0	4013036050
10m, 3poles	RPC-M8-MS-3CON-PUR-10.0	4014036100	RPC-M8-MS-3CON-PVC-10.0	4015036100	RPC-M8-MS-3CON-OR-10.0	4013036100
1.5m, 4poles	RPC-M8-MS-4CON-PUR-1.5	4014046015	RPC-M8-MS-4CON-PVC-1.5	4015046015	RPC-M8-MS-4CON-OR-1.5	4013046015
3.0m, 4poles	RPC-M8-MS-4CON-PUR-3.0	4014046030	RPC-M8-MS-4CON-PVC-3.0	4015046030	RPC-M8-MS-4CON-OR-3.0	4013046030
5.0m, 4poles	RPC-M8-MS-4CON-PUR-5.0	4014046050	RPC-M8-MS-4CON-PVC-5.0	4015046050	RPC-M8-MS-4CON-OR-5.0	4013046050
10m, 4poles	RPC-M8-MS-4CON-PUR-10.0	4014046100	RPC-M8-MS-4CON-PVC-10.0	4015046100	RPC-M8-MS-4CON-OR-10.0	4013046100
1.5m, 6poles	RPC-M8-MS-6CON-PUR-1.5	4014066015	RPC-M8-MS-6CON-PVC-1.5	4015066015	RPC-M8-MS-6CON-OR-1.5	4013066015
3.0m, 6poles	RPC-M8-MS-6CON-PUR-3.0	4014066030	RPC-M8-MS-6CON-PVC-3.0	4015066030	RPC-M8-MS-6CON-OR-3.0	4013066030
5.0m, 6poles	RPC-M8-MS-6CON-PUR-5.0	4014066050	RPC-M8-MS-6CON-PVC-5.0	4015066050	RPC-M8-MS-6CON-OR-5.0	4013066050
10m, 6poles	RPC-M8-MS-6CON-PUR-10.0	4014066100	RPC-M8-MS-6CON-PVC-10.0	4015066100	RPC-M8-MS-6CON-OR-10.0	4013066100

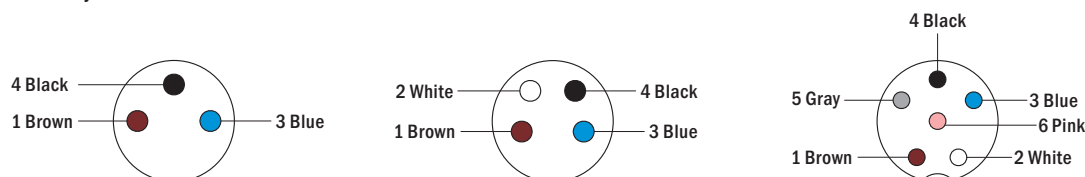
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A/1.5A	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature Plug	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR	PVC	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads cable
Cable diameter	4.5mm/5.2mm	4.5mm/5.2mm	4.5mm/5.2mm
Wire cross section	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²
Conductor structure	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm

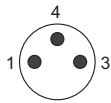
Assembly instruction



M8 Male Moulded, Straight, Shielded

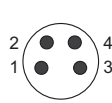
Description: M8X1 straight plug, and free conductor end

3poles

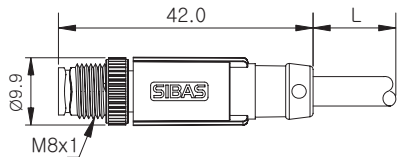


Male, 3-pole

4poles



Male, 4-pole



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m, 3poles	RPC-M8-MS-3CON-PUR-1.5SH	4016036015	RPC-M8-MS-3CON-PVC-1.5SH	4017036015
3.0m, 3poles	RPC-M8-MS-3CON-PUR-3.0SH	4016036030	RPC-M8-MS-3CON-PVC-3.0SH	4017036030
5.0m, 3poles	RPC-M8-MS-3CON-PUR-5.0SH	4016036050	RPC-M8-MS-3CON-PVC-5.0SH	4017036050
10m, 3poles	RPC-M8-MS-3CON-PUR-10.0SH	4016036100	RPC-M8-MS-3CON-PVC-10.0SH	4017036100
1.5m, 4poles	RPC-M8-MS-4CON-PUR-1.5SH	4016046015	RPC-M8-MS-4CON-PVC-1.5SH	4017046015
3.0m, 4poles	RPC-M8-MS-4CON-PUR-3.0SH	4016046030	RPC-M8-MS-4CON-PVC-3.0SH	4017046030
5.0m, 4poles	RPC-M8-MS-4CON-PUR-5.0SH	4016046050	RPC-M8-MS-4CON-PVC-5.0SH	4017046050
10m, 4poles	RPC-M8-MS-4CON-PUR-10.0SH	4016046100	RPC-M8-MS-4CON-PVC-10.0SH	4017046100

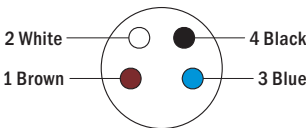
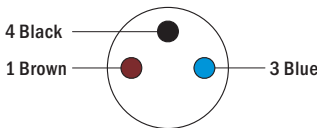
Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C

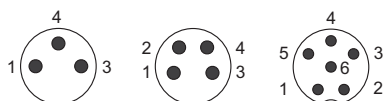
Connector data		
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

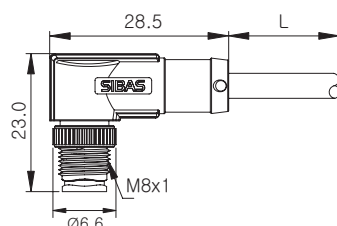
Assembly instruction



Description:M8X1 straight plug, and free conductor end

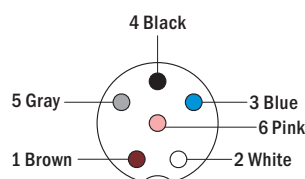
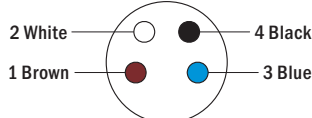
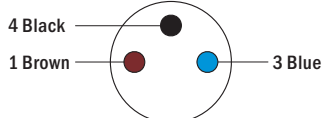


Male,3-pole Male,4-pole Male,6-pole



Cable data			
Cable Jacket	PUR	PVC	Resistant to welding beads cable
Cable diameter	4.5mm/5.2mm	4.5mm/5.2mm	4.5mm/5.2mm
Wire cross section	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²
Conductor structure	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm

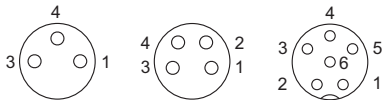
Assembly instruction



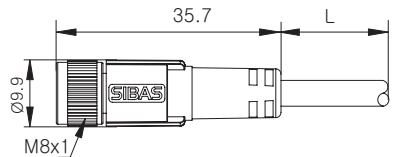
M8 Female Moulded, Straight

Description: M8X1 straight socket, and free conductor end

3poles 4poles 6poles



Female, 3-pole Female, 4-pole Female, 6-pole



Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 3poles	RPC-M8-FS-3CON-PUR-1.5	4004037015	RPC-M8-FS-3CON-PVC-1.5	4005037015	RPC-M8-FS-3CON-OR-1.5	4003037015
3.0m, 3poles	RPC-M8-FS-3CON-PUR-3.0	4004037030	RPC-M8-FS-3CON-PVC-3.0	4005037030	RPC-M8-FS-3CON-OR-3.0	4003037030
5.0m, 3poles	RPC-M8-FS-3CON-PUR-5.0	4004037050	RPC-M8-FS-3CON-PVC-5.0	4005037050	RPC-M8-FS-3CON-OR-5.0	4003037050
10m, 3poles	RPC-M8-FS-3CON-PUR-10.0	4004037100	RPC-M8-FS-3CON-PVC-10.0	4005037100	RPC-M8-FS-3CON-OR-10.0	4003037100
1.5m, 4poles	RPC-M8-FS-4CON-PUR-1.5	4004047015	RPC-M8-FS-4CON-PVC-1.5	4005047015	RPC-M8-FS-4CON-OR-1.5	4003047015
3.0m, 4poles	RPC-M8-FS-4CON-PUR-3.0	4004047030	RPC-M8-FS-4CON-PVC-3.0	4005047030	RPC-M8-FS-4CON-OR-3.0	4003047030
5.0m, 4poles	RPC-M8-FS-4CON-PUR-5.0	4004047050	RPC-M8-FS-4CON-PVC-5.0	4005047050	RPC-M8-FS-4CON-OR-5.0	4003047050
10m, 4poles	RPC-M8-FS-4CON-PUR-10.0	4004047100	RPC-M8-FS-4CON-PVC-10.0	4005047100	RPC-M8-FS-4CON-OR-10.0	4003047100
1.5m, 6poles	RPC-M8-FS-6CON-PUR-1.5	4004067015	RPC-M8-FS-6CON-PVC-1.5	4005067015	RPC-M8-FS-6CON-OR-1.5	4003067015
3.0m, 6poles	RPC-M8-FS-6CON-PUR-3.0	4004067030	RPC-M8-FS-6CON-PVC-3.0	4005067030	RPC-M8-FS-6CON-OR-3.0	4003067030
5.0m, 6poles	RPC-M8-FS-6CON-PUR-5.0	4004067050	RPC-M8-FS-6CON-PVC-5.0	4005067050	RPC-M8-FS-6CON-OR-5.0	4003067050
10m, 6poles	RPC-M8-FS-6CON-PUR-10.0	4004067100	RPC-M8-FS-6CON-PVC-10.0	4005067100	RPC-M8-FS-6CON-OR-10.0	4003067100

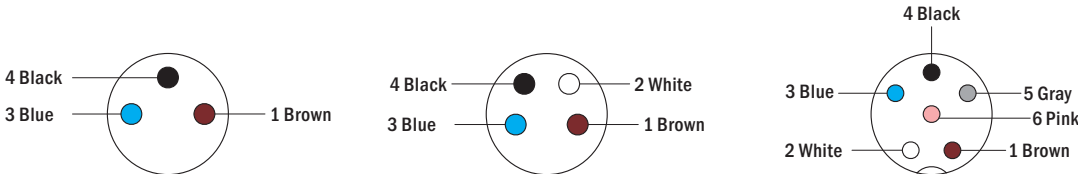
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A/1.5A	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature socket	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR	PVC	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads cable
Cable diameter	4.5mm/5.2mm	4.5mm/5.2mm	4.5mm/5.2mm
Wire cross section	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²
Conductor structure	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm

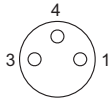
Assembly instruction



M8 Female Moulded, Straight, Shielded

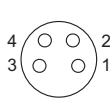
Description: M8X1 straight socket, and free conductor end

3poles

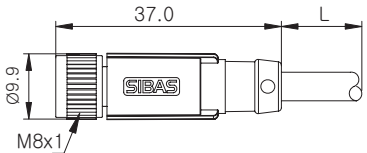


Female, 3-pole

4poles



Female, 4-pole



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m, 3poles	RPC-M8-FS-3CON-PUR-1.5SH	4006037015	RPC-M8-FS-3CON-PVC-1.5SH	4007037015
3.0m, 3poles	RPC-M8-FS-3CON-PUR-3.0SH	4006037030	RPC-M8-FS-3CON-PVC-3.0SH	4007037030
5.0m, 3poles	RPC-M8-FS-3CON-PUR-5.0SH	4006037050	RPC-M8-FS-3CON-PVC-5.0SH	4007037050
10m, 3poles	RPC-M8-FS-3CON-PUR-10.0SH	4006037100	RPC-M8-FS-3CON-PVC-10.0SH	4007037100
1.5m, 4poles	RPC-M8-FS-4CON-PUR-1.5SH	4006047015	RPC-M8-FS-4CON-PVC-1.5SH	4007047015
3.0m, 4poles	RPC-M8-FS-4CON-PUR-3.0SH	4006047030	RPC-M8-FS-4CON-PVC-3.0SH	4007047030
5.0m, 4poles	RPC-M8-FS-4CON-PUR-5.0SH	4006047050	RPC-M8-FS-4CON-PVC-5.0SH	4007047050
10m, 4poles	RPC-M8-FS-4CON-PUR-10.0SH	4006047100	RPC-M8-FS-4CON-PVC-10.0SH	4007047100

Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature socket	-25°C... +90°C	-25°C... +90°C

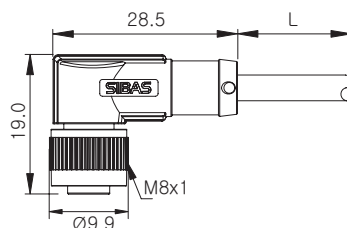
Connector data	PUR Cable	PVC Cable
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

Assembly instruction



Description:M8X1 angled socket, and free conductor end



M8 Series

Cable data			
Cable Jacket	PUR	PVC	Resistant to welding beads cable
Cable diameter	4.5mm/5.2mm	4.5mm/5.2mm	4.5mm/5.2mm
Wire cross section	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²	0.25mm ² /0.14mm ²
Conductor structure	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm	32x0.1mm/18x0.1mm

Diagram 1: A beaker containing 4 Black beads, 3 Blue beads, and 1 Brown bead.

Diagram 2: A beaker containing 4 Black beads, 3 Blue beads, 2 White beads, and 1 Brown bead.

Diagram 3: A beaker containing 4 Black beads, 3 Blue beads, 2 White beads, 5 Gray beads, 6 Pink beads, and 1 Brown bead.

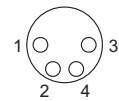
M8 Series



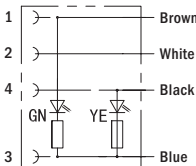
M8 Female Moulded,Angled,With 2 LEDS

Description:M8X1 angled socket,with 2 LEDS,and free conductor end

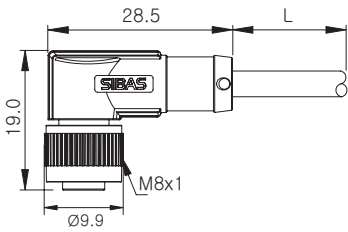
4poles



Female,4-pole



M8 sockets with 2LEDS for PNP sensors



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,4poles	RPC-M8-FR-4CON-PUR-1.5L2	4024044015	RPC-M8-FR-4CON-PVC-1.5L2	4025044015
3.0m,4poles	RPC-M8-FR-4CON-PUR-3.0L2	4024044030	RPC-M8-FR-4CON-PVC-3.0L2	4025044030
5.0m,4poles	RPC-M8-FR-4CON-PUR-5.0L2	4024044050	RPC-M8-FR-4CON-PVC-5.0L2	4025044050
10.0m,4poles	RPC-M8-FR-4CON-PUR-10.0L2	4024044100	RPC-M8-FR-4CON-PVC-10.0L2	4025044100

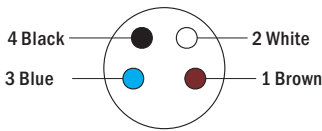
Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	24V	24V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP67	IP67

Ambient temperature		
Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C

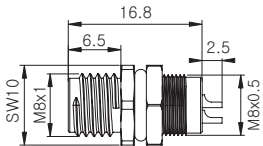
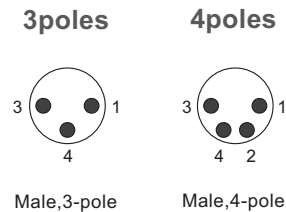
Connector data		
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	4.5mm	4.5mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

Assembly instruction



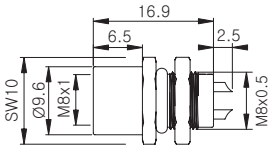
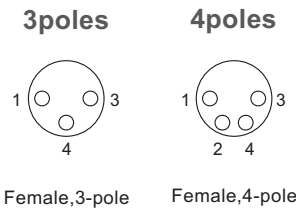
M8 Male Panel, Solder,Rear mounting,M8 fastening thread



M8 Series

Description	Screw type	Contacts	Type	Order No.
M8X1.0 Plug,Solder	M8	3-pole	RPC-M8-MB-3CON-M8-LA	4042140380
Rear mounting,M8 fastening thread	M8	4-pole	RPC-M8-MB-4CON-M8-LA	4042140480

M8 Female Panel, Solder,Rear mounting,M8 fastening thread



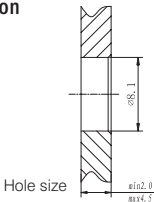
Description	Screw type	Contacts	Type	Order No.
M8X1.0 Socket,Solder	M8	3-pole	RPC-M8-FB-3CON-M8-LA	4042140390
Rear mounting,M8 fastening thread	M8	4-pole	RPC-M8-FB-4CON-M8-LA	4042140490

Technical data	3-pole	4-pole
Nominal current	4	4
Rated voltage	60V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

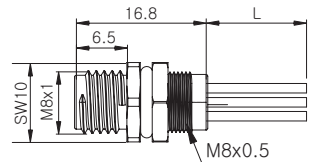
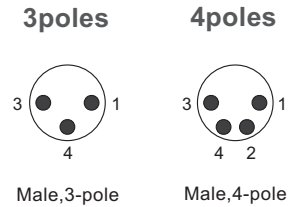
Mechanical data	A-standard	A-standard
Coding	PA/TPU	PA/TPU
Contact carrier material	CuZn/Au	CuZn/Au
Material contact/contact surface	HB	HB
Inflammability class in acc.with UL 94		

Connector data	Solder	Solder
Type of connection	0.25mm ²	0.25mm ²
Connection cross-section max	24	24
Connection cross-section AWG max		

Assembly instruction

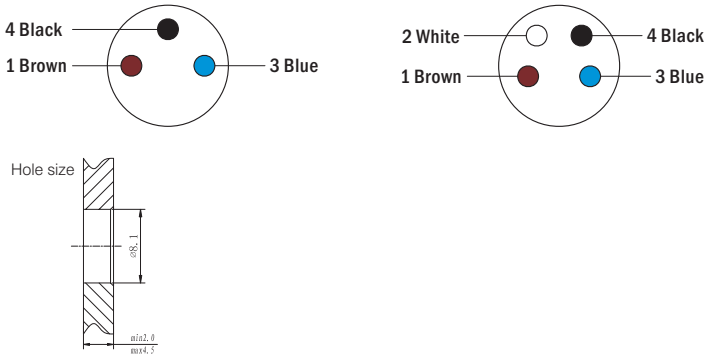


M8 Male Panel, Moulded, Rear mounting, M8 fastening thread, With wires

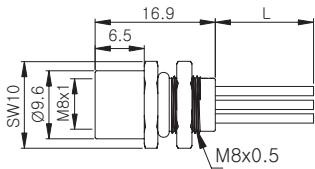
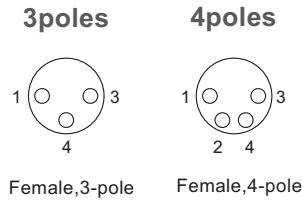


Description	Cable length	Contacts	Type	Order No.
M8X1.0 Plug Moulded Rear mounting M8 fastening thread with wires	0.5m	3-pole	RPC-M8-MB-3CON-M8-0.5LA	4045036005
	1.5m	3-pole	RPC-M8-MB-3CON-M8-1.5LA	4045036015
	3.0m	3-pole	RPC-M8-MB-3CON-M8-3.0LA	4045036030
	5.0m	3-pole	RPC-M8-MB-3CON-M8-5.0LA	4045036050
	0.5m	4-pole	RPC-M8-MB-4CON-M8-0.5LA	4045046005
	1.5m	4-pole	RPC-M8-MB-4CON-M8-1.5LA	4045046015
	3.0m	4-pole	RPC-M8-MB-4CON-M8-3.0LA	4045046030
	5.0m	4-pole	RPC-M8-MB-4CON-M8-5.0LA	4045046050
Technical data	3-pole	4-pole		
Nominal current	4A	4A		
Rated voltage	60V	30V		
Over voltage category	II	II		
Contact resistance	≤5mΩ	≤5mΩ		
Insulation resistance	>100MΩ	>100MΩ		
Pollution degree	3	3		
Degree of protection	IP67	IP67		
Operation temperature	-25°C~+85°C	-25°C~+85°C		
Mechanical data				
Contact carrier material	PA	PA		
Material contact/contact surface	CuZn/Au	CuZn/Au		
Inflammability class in acc.with UL 94	HB	HB		
Connector data				
Type of connection	Moulded	Moulded		
Connection cross-section max	0.25mm²	0.25mm²		
Connection cross-section AWG max	24	24		

Assembly instruction



M8 Female Panel, Moulded, Rear mounting, M8 fastening thread, With wires



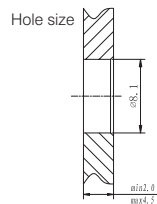
Description	Cable length	Contacts	Type	Order No.
M8X1.0 Socket Moulded Rear mounting M8 fastening thread with wires	0.5m	3-pole	RPC-M8-FB-3CON-M8-0.5LA	4045037005
	1.5m	3-pole	RPC-M8-FB-3CON-M8-1.5LA	4045037015
	3.0m	3-pole	RPC-M8-FB-3CON-M8-3.0LA	4045037030
	5.0m	3-pole	RPC-M8-FB-3CON-M8-5.0LA	4045037050
	0.5m	4-pole	RPC-M8-FB-4CON-M8-0.5LA	4045047005
	1.5m	4-pole	RPC-M8-FB-4CON-M8-1.5LA	4045047015
	3.0m	4-pole	RPC-M8-FB-4CON-M8-3.0LA	4045047030
	5.0m	4-pole	RPC-M8-FB-4CON-M8-5.0LA	4045047050

Technical data	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	60V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

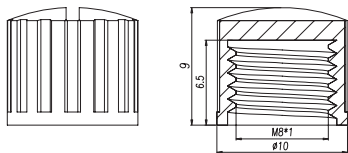
Mechanical data		
Contact carrier material	PA	PA
Material contact/contact surface	CuZn/Au	CuZn/Au
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Moulded	Moulded
Connection cross-section max	0.25mm ²	0.25mm ²
Connection cross-section AWG max	24	24

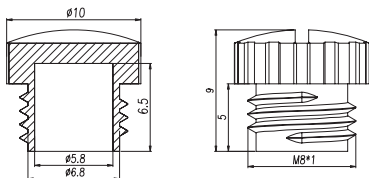
Assembly instruction



Protection cap for M8 male connector



Protection cap for M8 female connector



Description	Screw type	Type	Order No.
Male plastic cover	M8	RPC-M8-MS-0CON-M8-M	4004000000
Female plastic cover	M8	RPC-M8-FS-0CON-M8-M	4014000000

Technical data

Pollution degree	3
Degree of protection	IP65
Operation temperature	-25°C~+85°C

Connector data

Contact carrier material	PA/TPU
Color	Black
Inflammability class in acc.with UL 94	HB

M12 series

- 2,3,4,5,8,12 poles available
- Coding:A-coded,B-coded,D-coded
- Screw connection/solder connection
- Shielded/Ordinary
- Circular connector with M12X1 screw locking
- Degree of protection IP67
- Ambient temperature -40°C~85°C
- Plug design as per IEC61076-2-101

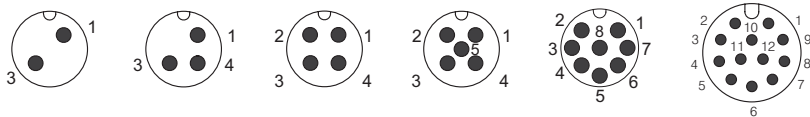


M12 Series



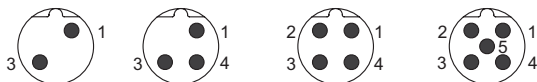
M12 Male Screw connection, Straight

2,3,4,5,8,12 poles(Male,A-coded)



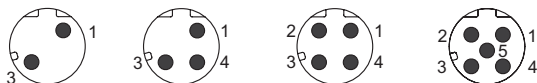
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-M	4110010200
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-M	4110020200
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-M	4110010300
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-M	4110020300
	A	PG7	4-pole	RPC-M12-MS-4CON-PG7-M	4110010400
	A	PG9	4-pole	RPC-M12-MS-4CON-PG9-M	4110020400
	A	PG7	5-pole	RPC-M12-MS-5CON-PG7-M	4110010500
	A	PG9	5-pole	RPC-M12-MS-5CON-PG9-M	4110020500
	A	PG9	8-pole	RPC-M12-MS-8CON-PG9-M	4110020800
	A	PG9	12-pole	RPC-M12-MS-12CON-PG9-M	4110021200

2,3,4,5 poles(Male,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing	B	PG7	2-pole	RPC-M12B-MS-2CON-PG7-M	4114010200
	B	PG9	2-pole	RPC-M12B-MS-2CON-PG9-M	4114020200
	B	PG7	3-pole	RPC-M12B-MS-3CON-PG7-M	4114010300
	B	PG9	3-pole	RPC-M12B-MS-3CON-PG9-M	4114020300
	B	PG7	4-pole	RPC-M12B-MS-4CON-PG7-M	4114010400
	B	PG9	4-pole	RPC-M12B-MS-4CON-PG9-M	4114020400
	B	PG7	5-pole	RPC-M12B-MS-5CON-PG7-M	4114010500
	B	PG9	5-pole	RPC-M12B-MS-5CON-PG9-M	4114020500

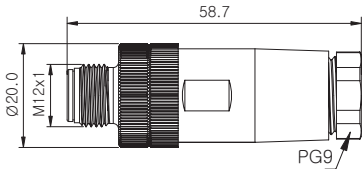
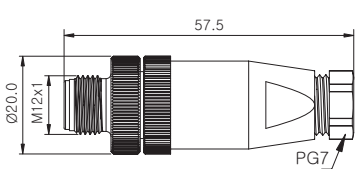
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing	D	PG7	2-pole	RPC-M12D-MS-2CON-PG7-M	4115010200
	D	PG9	2-pole	RPC-M12D-MS-2CON-PG9-M	4115020200
	D	PG7	3-pole	RPC-M12D-MS-3CON-PG7-M	4115010300
	D	PG9	3-pole	RPC-M12D-MS-3CON-PG9-M	4115020300
	D	PG7	4-pole	RPC-M12D-MS-4CON-PG7-M	4115010400
	D	PG9	4-pole	RPC-M12D-MS-4CON-PG9-M	4115020400
	D	PG7	5-pole	RPC-M12D-MS-5CON-PG7-M	4115010500
	D	PG9	5-pole	RPC-M12D-MS-5CON-PG9-M	4115020500

M12 Male Screw connection, Straight

Male, A-coded, B-coded, D-coded



Technical data

	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

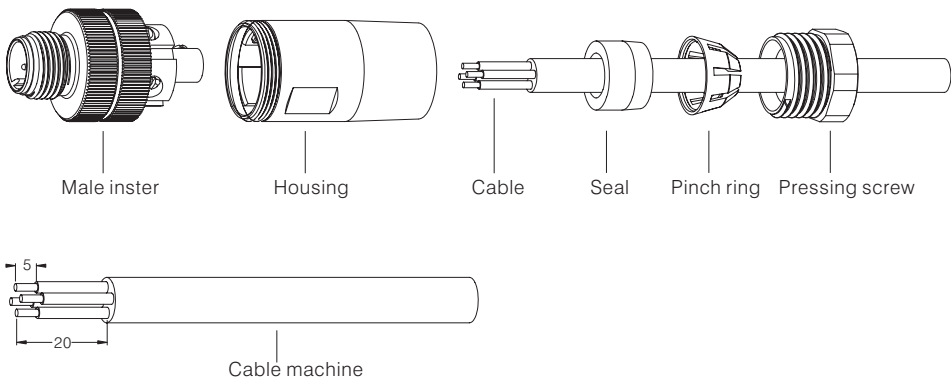
Mechanical data

Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

Connector data

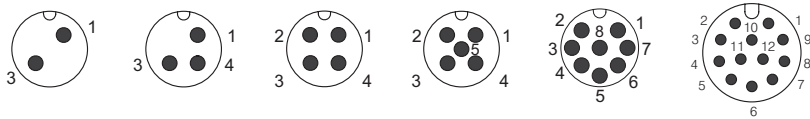
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.14mm ² /0.34mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



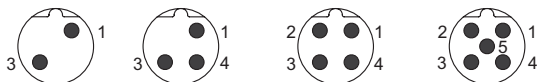
M12 Male Screw connection, Straight, Shielded

2,3,4,5,8,12 poles(Male,A-coded)



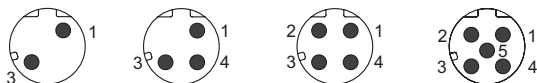
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-SH	4110110202
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-SH	4110120202
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-SH	4110110302
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-SH	4110120302
	A	PG7	4-pole	RPC-M12-MS-4CON-PG7-SH	4110110402
	A	PG9	4-pole	RPC-M12-MS-4CON-PG9-SH	4110120402
	A	PG7	5-pole	RPC-M12-MS-5CON-PG7-SH	4110110502
	A	PG9	5-pole	RPC-M12-MS-5CON-PG9-SH	4110120502
	A	PG9	8-pole	RPC-M12-MS-8CON-PG9-SH	4110120802
	A	PG9	12-pole	RPC-M12-MS-12CON-PG9-SH	4110121202

2,3,4,5 poles(Male,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing	B	PG7	2-pole	RPC-M12B-MS-2CON-PG7-SH	4114110202
	B	PG9	2-pole	RPC-M12B-MS-2CON-PG9-SH	4114120202
	B	PG7	3-pole	RPC-M12B-MS-3CON-PG7-SH	4114110302
	B	PG9	3-pole	RPC-M12B-MS-3CON-PG9-SH	4114120302
	B	PG7	4-pole	RPC-M12B-MS-4CON-PG7-SH	4114110402
	B	PG9	4-pole	RPC-M12B-MS-4CON-PG9-SH	4114120402
	B	PG7	5-pole	RPC-M12B-MS-5CON-PG7-SH	4114110502
	B	PG9	5-pole	RPC-M12B-MS-5CON-PG9-SH	4114120502

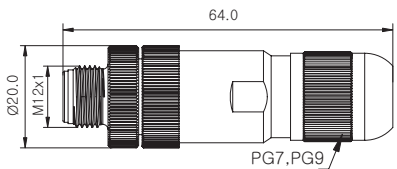
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing	D	PG7	2-pole	RPC-M12D-MS-2CON-PG7-SH	4115110202
	D	PG9	2-pole	RPC-M12D-MS-2CON-PG9-SH	4115120202
	D	PG7	3-pole	RPC-M12D-MS-3CON-PG7-SH	4115110302
	D	PG9	3-pole	RPC-M12D-MS-3CON-PG9-SH	4115120302
	D	PG7	4-pole	RPC-M12D-MS-4CON-PG7-SH	4115110402
	D	PG9	4-pole	RPC-M12D-MS-4CON-PG9-SH	4115120402
	D	PG7	5-pole	RPC-M12D-MS-5CON-PG7-SH	4115110502
	D	PG9	5-pole	RPC-M12D-MS-5CON-PG9-SH	4115120502

M12 Male Screw connection, Straight, Shielded

Male,A-coded,B-coded,D-coded



Technical data

	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

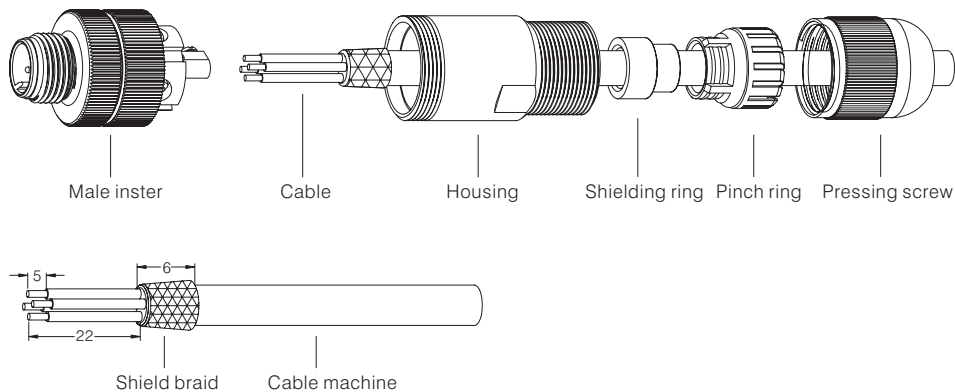
Mechanical data

Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

Connector data

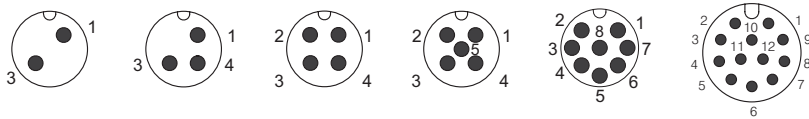
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



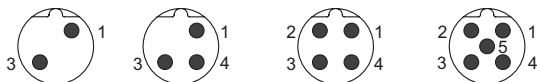
M12 Male Screw connection, Angled

2,3,4,5,8,12 poles(Male,A-coded)



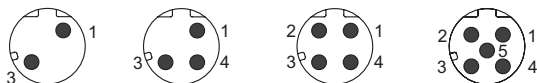
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-M	4130010200
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-M	4130020200
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-M	4130010300
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-M	4130020300
	A	PG7	4-pole	RPC-M12-MR-4CON-PG7-M	4130010400
	A	PG9	4-pole	RPC-M12-MR-4CON-PG9-M	4130020400
	A	PG7	5-pole	RPC-M12-MR-5CON-PG7-M	4130010500
	A	PG9	5-pole	RPC-M12-MR-5CON-PG9-M	4130020500
	A	PG9	8-pole	RPC-M12-MR-8CON-PG7-M	4130020800
	A	PG9	12-pole	RPC-M12-MR-12CON-PG7-M	4130021200

2,3,4,5 poles(Male,B-coded)



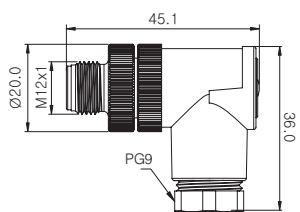
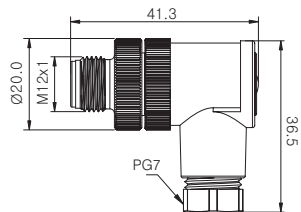
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing	B	PG7	2-pole	RPC-M12B-MR-2CON-PG7-M	4134010200
	B	PG9	2-pole	RPC-M12B-MR-2CON-PG9-M	4134020200
	B	PG7	3-pole	RPC-M12B-MR-3CON-PG7-M	4134010300
	B	PG9	3-pole	RPC-M12B-MR-3CON-PG9-M	4134020300
	B	PG7	4-pole	RPC-M12B-MR-4CON-PG7-M	4134010400
	B	PG9	4-pole	RPC-M12B-MR-4CON-PG9-M	4134020400
	B	PG7	5-pole	RPC-M12B-MR-5CON-PG7-M	4134010500
	B	PG9	5-pole	RPC-M12B-MR-5CON-PG9-M	4134020500

2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing	D	PG7	2-pole	RPC-M12D-MR-2CON-PG7-M	4135010200
	D	PG9	2-pole	RPC-M12D-MR-2CON-PG9-M	4135020200
	D	PG7	3-pole	RPC-M12D-MR-3CON-PG7-M	4135010300
	D	PG9	3-pole	RPC-M12D-MR-3CON-PG9-M	4135020300
	D	PG7	4-pole	RPC-M12D-MR-4CON-PG7-M	4135010400
	D	PG9	4-pole	RPC-M12D-MR-4CON-PG9-M	4135020400
	D	PG7	5-pole	RPC-M12D-MR-5CON-PG7-M	4135010500
	D	PG9	5-pole	RPC-M12D-MR-5CON-PG9-M	4135020500

M12 Male Screw connection, Angled
Male,A-coded,B-coded,D-coded



Technical data

	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

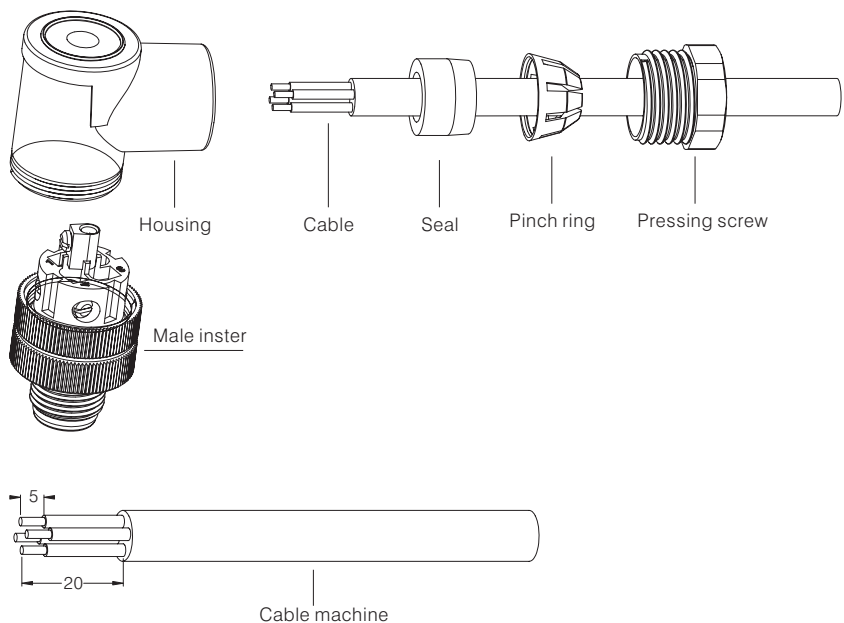
Mechanical data

Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

Connector data

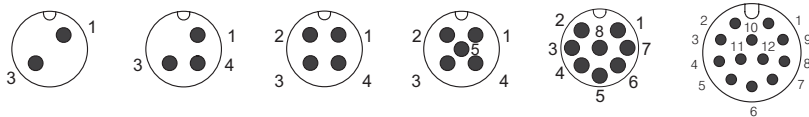
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.14mm ² /0.34mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



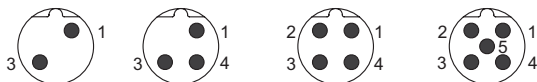
M12 Male Screw connection, Angled, Shielded

2,3,4,5,8,12 poles(Male,A-coded)



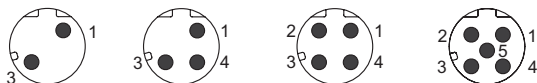
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angle Shielded Screw connection Metal housing	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-SH	4130110202
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-SH	4130120202
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-SH	4130110302
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-SH	4130120302
	A	PG7	4-pole	RPC-M12-MR-4CON-PG7-SH	4130110402
	A	PG9	4-pole	RPC-M12-MR-4CON-PG9-SH	4130120402
	A	PG7	5-pole	RPC-M12-MR-5CON-PG7-SH	4130110502
	A	PG9	5-pole	RPC-M12-MR-5CON-PG9-SH	4130120502
	A	PG9	8-pole	RPC-M12-MR-8CON-PG9-SH	4130120802
	A	PG9	12-pole	RPC-M12-MR-12CON-PG9-SH	4130121202

2,3,4,5 poles(Male,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angle Shielded Screw connection Metal housing	B	PG7	2-pole	RPC-M12B-MR-2CON-PG7-SH	4134110202
	B	PG9	2-pole	RPC-M12B-MR-2CON-PG9-SH	4134120202
	B	PG7	3-pole	RPC-M12B-MR-3CON-PG7-SH	4134110302
	B	PG9	3-pole	RPC-M12B-MR-3CON-PG9-SH	4134120302
	B	PG7	4-pole	RPC-M12B-MR-4CON-PG7-SH	4134110402
	B	PG9	4-pole	RPC-M12B-MR-4CON-PG9-SH	4134120402
	B	PG7	5-pole	RPC-M12B-MR-5CON-PG7-SH	4134110502
	B	PG9	5-pole	RPC-M12B-MR-5CON-PG9-SH	4134120502

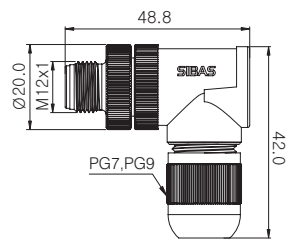
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angle Shielded Screw connection Metal housing	D	PG7	2-pole	RPC-M12D-MR-2CON-PG7-SH	4135110202
	D	PG9	2-pole	RPC-M12D-MR-2CON-PG9-SH	4135120202
	D	PG7	3-pole	RPC-M12D-MR-3CON-PG7-SH	4135110302
	D	PG9	3-pole	RPC-M12D-MR-3CON-PG9-SH	4135120302
	D	PG7	4-pole	RPC-M12D-MR-4CON-PG7-SH	4135110402
	D	PG9	4-pole	RPC-M12D-MR-4CON-PG9-SH	4135120402
	D	PG7	5-pole	RPC-M12D-MR-5CON-PG7-SH	4135110502
	D	PG9	5-pole	RPC-M12D-MR-5CON-PG9-SH	4135120502

M12 Male Screw connection, Angled, Shielded

Male,A-coded,B-coded,D-coded

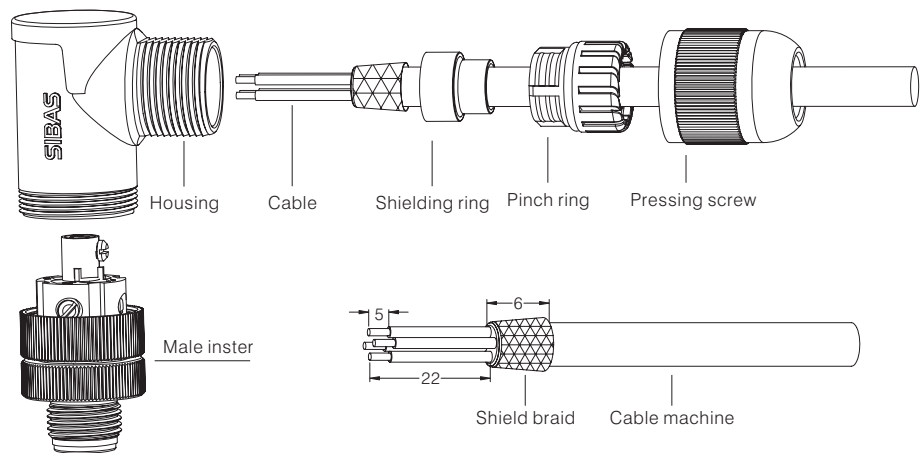


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

Mechanical data				
Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

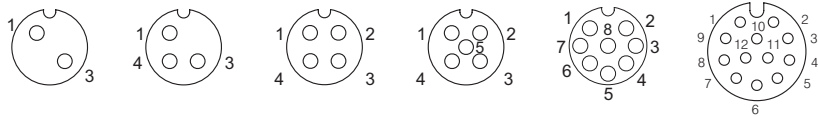
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



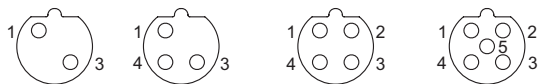
M12 Female Screw connection, Straight

2,3,4,5,8,12 poles(Female,A-coded)



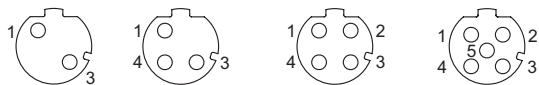
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-M	4100010210
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-M	4100020210
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-M	4100010310
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-M	4100020310
	A	PG7	4-pole	RPC-M12-FS-4CON-PG7-M	4100010410
	A	PG9	4-pole	RPC-M12-FS-4CON-PG9-M	4100020410
	A	PG7	5-pole	RPC-M12-FS-5CON-PG7-M	4100010510
	A	PG9	5-pole	RPC-M12-FS-5CON-PG9-M	4100020510
	A	PG9	8-pole	RPC-M12-FS-8CON-PG9-M	4100020810
	A	PG9	12-pole	RPC-M12-FS-12CON-PG9-M	4100021210

2,3,4,5 poles(Female,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing	B	PG7	2-pole	RPC-M12B-FS-2CON-PG7-M	4104010210
	B	PG9	2-pole	RPC-M12B-FS-2CON-PG9-M	4104020210
	B	PG7	3-pole	RPC-M12B-FS-3CON-PG7-M	4104010310
	B	PG9	3-pole	RPC-M12B-FS-3CON-PG9-M	4104020310
	B	PG7	4-pole	RPC-M12B-FS-4CON-PG7-M	4104010410
	B	PG9	4-pole	RPC-M12B-FS-4CON-PG9-M	4104020410
	B	PG7	5-pole	RPC-M12B-FS-5CON-PG7-M	4104010510
	B	PG9	5-pole	RPC-M12B-FS-5CON-PG9-M	4104020510

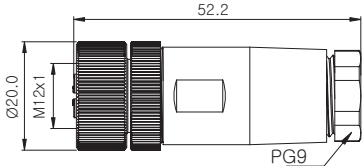
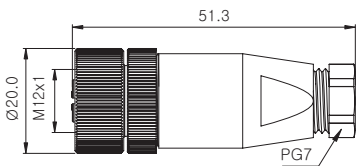
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing	D	PG7	2-pole	RPC-M12D-FS-2CON-PG7-M	4105010210
	D	PG9	2-pole	RPC-M12D-FS-2CON-PG9-M	4105020210
	D	PG7	3-pole	RPC-M12D-FS-3CON-PG7-M	4105010310
	D	PG9	3-pole	RPC-M12D-FS-3CON-PG9-M	4105020310
	D	PG7	4-pole	RPC-M12D-FS-4CON-PG7-M	4105010410
	D	PG9	4-pole	RPC-M12D-FS-4CON-PG9-M	4105020410
	D	PG7	5-pole	RPC-M12D-FS-5CON-PG7-M	4105010510
	D	PG9	5-pole	RPC-M12D-FS-5CON-PG9-M	4105020510

M12 Female Screw connection, Straight

Female,A-coded,B-coded,D-coded

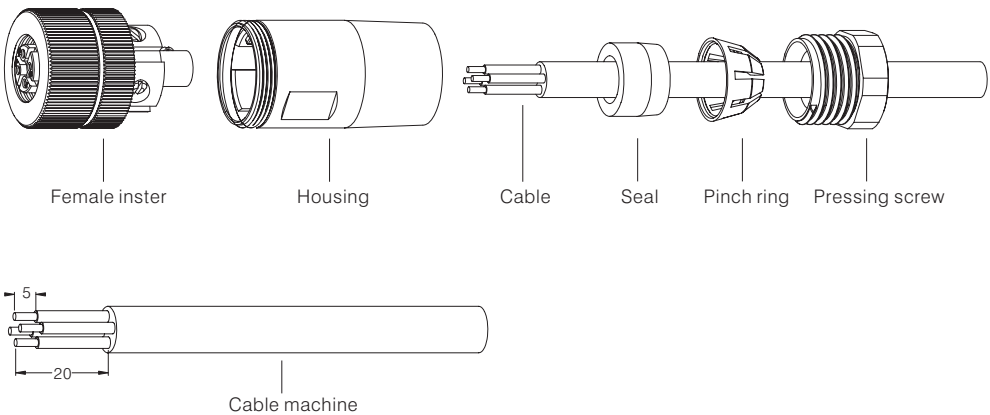


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

Mechanical data				
Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

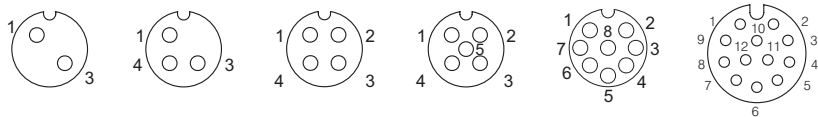
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



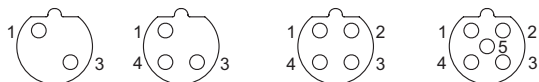
M12 Female Screw connection, Straight, Shielded

2,3,4,5,8,12 poles(Female,A-coded)



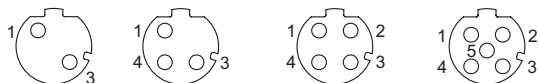
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-SH	4100110212
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-SH	4100120212
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-SH	4100110312
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-SH	4100120312
	A	PG7	4-pole	RPC-M12-FS-4CON-PG7-SH	4100110412
	A	PG9	4-pole	RPC-M12-FS-4CON-PG9-SH	4100120412
	A	PG7	5-pole	RPC-M12-FS-5CON-PG7-SH	4100110512
	A	PG9	5-pole	RPC-M12-FS-5CON-PG9-SH	4100120512
	A	PG9	8-pole	RPC-M12-FS-8CON-PG9-SH	4100120812
	A	PG9	12-pole	RPC-M12-FS-12CON-PG9-SH	4100121212

2,3,4,5 poles(Female,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing	B	PG7	2-pole	RPC-M12B-FS-2CON-PG7-SH	4104110212
	B	PG9	2-pole	RPC-M12B-FS-2CON-PG9-SH	4104120212
	B	PG7	3-pole	RPC-M12B-FS-3CON-PG7-SH	4104110312
	B	PG9	3-pole	RPC-M12B-FS-3CON-PG9-SH	4104120312
	B	PG7	4-pole	RPC-M12B-FS-4CON-PG7-SH	4104110412
	B	PG9	4-pole	RPC-M12B-FS-4CON-PG9-SH	4104120412
	B	PG7	5-pole	RPC-M12B-FS-5CON-PG7-SH	4104110512
	B	PG9	5-pole	RPC-M12B-FS-5CON-PG9-SH	4104120512

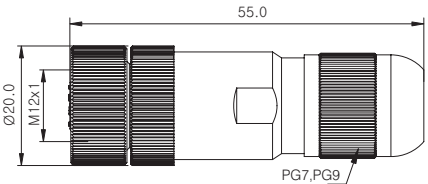
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing	D	PG7	2-pole	RPC-M12D-FS-2CON-PG7-SH	4105110212
	D	PG9	2-pole	RPC-M12D-FS-2CON-PG9-SH	4105120212
	D	PG7	3-pole	RPC-M12D-FS-3CON-PG7-SH	4105110312
	D	PG9	3-pole	RPC-M12D-FS-3CON-PG9-SH	4105120312
	D	PG7	4-pole	RPC-M12D-FS-4CON-PG7-SH	4105110412
	D	PG9	4-pole	RPC-M12D-FS-4CON-PG9-SH	4105120412
	D	PG7	5-pole	RPC-M12D-FS-5CON-PG7-SH	4105110512
	D	PG9	5-pole	RPC-M12D-FS-5CON-PG9-SH	4105120512

M12 Female Screw connection, Straight

Female,A-coded,B-coded,D-coded



Technical data

	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

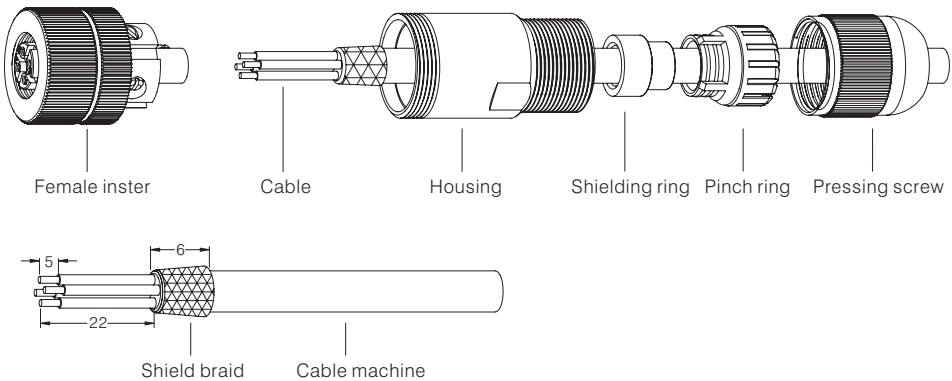
Mechanical data

Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

Connector data

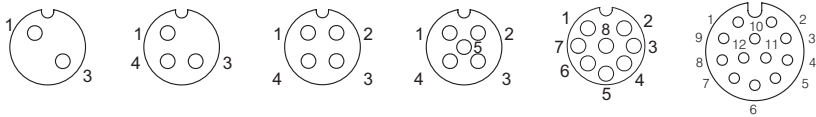
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



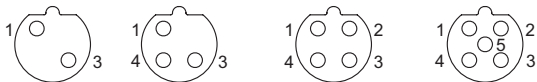
M12 Female Screw connection,Angled

2,3,4,5,8,12 poles(Female,A-coded)



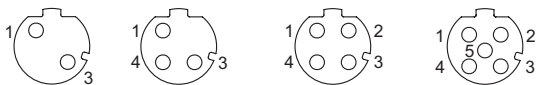
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-M	4120010210
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-M	4120020210
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-M	4120010310
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-M	4120020310
	A	PG7	4-pole	RPC-M12-FR-4CON-PG7-M	4120010410
	A	PG9	4-pole	RPC-M12-FR-4CON-PG9-M	4120020410
	A	PG7	5-pole	RPC-M12-FR-5CON-PG7-M	4120010510
	A	PG9	5-pole	RPC-M12-FR-5CON-PG9-M	4120020510
	A	PG9	8-pole	RPC-M12-FR-8CON-PG9-M	4120020810
	A	PG9	12-pole	RPC-M12-FR-12CON-PG9-M	4120021210

2,3,4,5 poles(Female,B-coded)



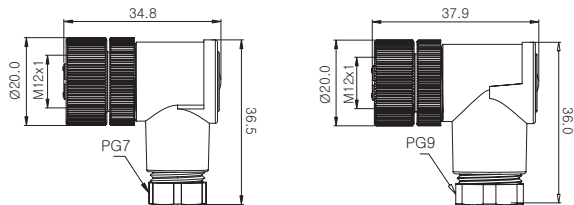
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing	B	PG7	2-pole	RPC-M12B-FR-2CON-PG7-M	4124010210
	B	PG9	2-pole	RPC-M12B-FR-2CON-PG9-M	4124020210
	B	PG7	3-pole	RPC-M12B-FR-3CON-PG7-M	4124010310
	B	PG9	3-pole	RPC-M12B-FR-3CON-PG9-M	4124020310
	B	PG7	4-pole	RPC-M12B-FR-4CON-PG7-M	4124010410
	B	PG9	4-pole	RPC-M12B-FR-4CON-PG7-M	4124020410
	B	PG7	5-pole	RPC-M12B-FR-5CON-PG9-M	4124010510
	B	PG9	5-pole	RPC-M12B-FR-5CON-PG9-M	4124020510

2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing	D	PG7	2-pole	RPC-M12D-FR-2CON-PG7-M	4125010210
	D	PG9	2-pole	RPC-M12D-FR-2CON-PG9-M	4125020210
	D	PG7	3-pole	RPC-M12D-FR-3CON-PG7-M	4125010310
	D	PG9	3-pole	RPC-M12D-FR-3CON-PG9-M	4125020310
	D	PG7	4-pole	RPC-M12D-FR-4CON-PG7-M	4125010410
	D	PG9	4-pole	RPC-M12D-FR-4CON-PG9-M	4125020410
	D	PG7	5-pole	RPC-M12D-FR-5CON-PG7-M	4125010510
	D	PG9	5-pole	RPC-M12D-FR-5CON-PG9-M	4125020510

M12 Female Screw connection, Straight
Female,A-coded,B-coded,D-coded

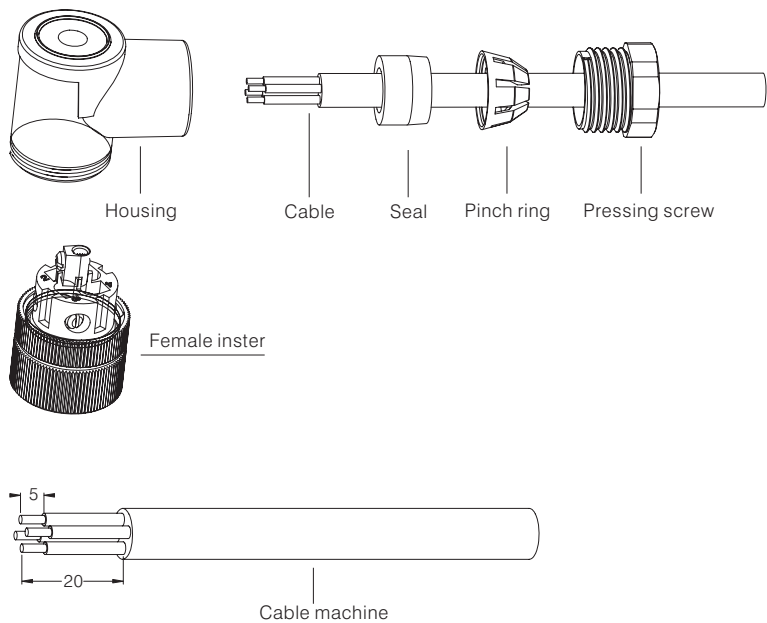


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

Mechanical data				
Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

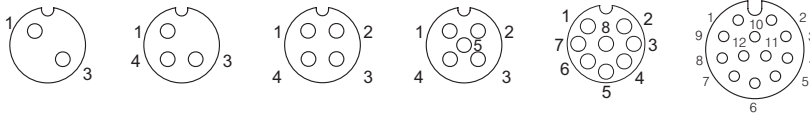
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



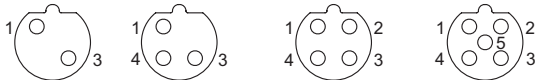
M12 Female Screw connection, Angled, Shielded

2,3,4,5,8,12 poles(Female,A-coded)



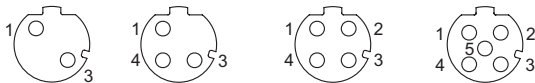
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-SH	4120110212
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-SH	4120120212
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-SH	4120110312
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-SH	4120120312
	A	PG7	4-pole	RPC-M12-FR-4CON-PG7-SH	4120110412
	A	PG9	4-pole	RPC-M12-FR-4CON-PG9-SH	4120120412
	A	PG7	5-pole	RPC-M12-FR-5CON-PG7-SH	4120110512
	A	PG9	5-pole	RPC-M12-FR-5CON-PG9-SH	4120120512
	A	PG9	8-pole	RPC-M12-FR-8CON-PG9-SH	4120120812
	A	PG9	12-pole	RPC-M12-FR-12CON-PG9-SH	4120121212

2,3,4,5 poles(Female,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing	B	PG7	2-pole	RPC-M12B-FR-2CON-PG7-SH	4124110212
	B	PG9	2-pole	RPC-M12B-FR-2CON-PG9-SH	4124120212
	B	PG7	3-pole	RPC-M12B-FR-3CON-PG7-SH	4124110312
	B	PG9	3-pole	RPC-M12B-FR-3CON-PG9-SH	4124120312
	B	PG7	4-pole	RPC-M12B-FR-4CON-PG7-SH	4124110412
	B	PG9	4-pole	RPC-M12B-FR-4CON-PG9-SH	4124120412
	B	PG7	5-pole	RPC-M12B-FR-5CON-PG7-SH	4124110512
	B	PG9	5-pole	RPC-M12B-FR-5CON-PG9-SH	4124120512

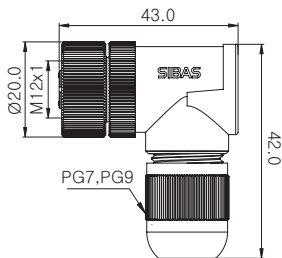
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing	D	PG7	2-pole	RPC-M12D-FR-2CON-PG7-SH	4125110212
	D	PG9	2-pole	RPC-M12D-FR-2CON-PG9-SH	4125120212
	D	PG7	3-pole	RPC-M12D-FR-3CON-PG7-SH	4125110312
	D	PG9	3-pole	RPC-M12D-FR-3CON-PG9-SH	4125120312
	D	PG7	4-pole	RPC-M12D-FR-4CON-PG7-SH	4125110412
	D	PG9	4-pole	RPC-M12D-FR-4CON-PG9-SH	4125120412
	D	PG7	5-pole	RPC-M12D-FR-5CON-PG7-SH	4125110512
	D	PG9	5-pole	RPC-M12D-FR-5CON-PG9-SH	4125120512

M12 Female Screw connection, Straight

Female,A-coded,B-coded,D-coded

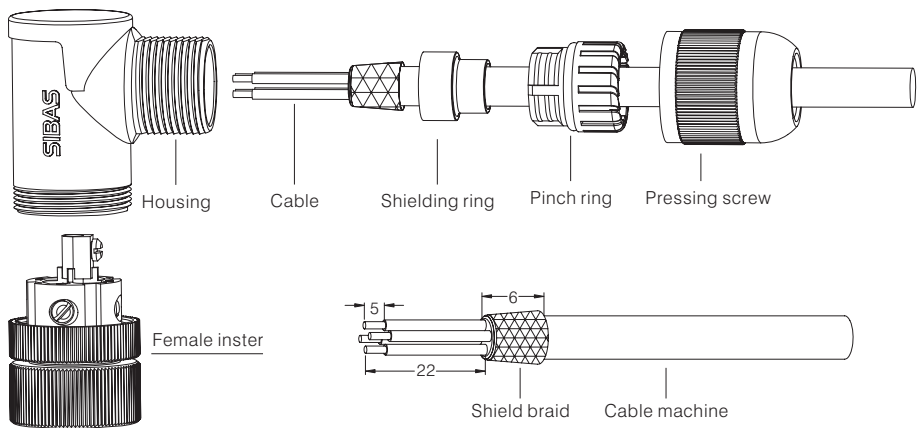


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

Mechanical data				
Coding	A/B/D	A/B/D	A	A
Contact carrier material	PA	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	V0	V0	V0	V0

Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.14mm ² /0.34mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	26/22

Assembly instruction



M12 series

- 2,3,4,5,8, poles available
- Coding:A-standard,B-standard,D-standard
- Cable length 1.5m/3m/5m/10m
- Moulded/Solder
- Shielded /With LEDs/Ordinary
- Circular connector with M12X1 screw locking
- Plug design as per IEC61076-2-101
- Degree of protection IP65/IP67
- Ambient temperature -25°C~90°C



M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

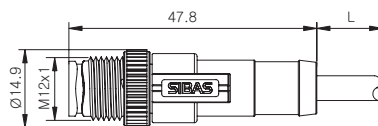
2poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 2poles	A	RPC-M12-MS-2CON-PUR-1.5	4114026015	RPC-M12-MS-2CON-PVC-1.5	4115026015	RPC-M12-MS-2CON-OR-1.5	4113026015
3.0m, 2poles	A	RPC-M12-MS-2CON-PUR-3.0	4114026030	RPC-M12-MS-2CON-PVC-3.0	4115026030	RPC-M12-MS-2CON-OR-3.0	4113026030
5.0m, 2poles	A	RPC-M12-MS-2CON-PUR-5.0	4114026050	RPC-M12-MS-2CON-PVC-5.0	4115026050	RPC-M12-MS-2CON-OR-5.0	4113026050
10m, 2poles	A	RPC-M12-MS-2CON-PUR-10.0	4114026100	RPC-M12-MS-2CON-PVC-10.0	4115026100	RPC-M12-MS-2CON-OR-10.0	4113020100
1.5m, 2poles	B	RPC-M12B-MS-2CON-PUR-1.5	4114020015	RPC-M12B-MS-2CON-PVC-1.5	4115020015	RPC-M12B-MS-2CON-OR-1.5	4113020015
3.0m, 2poles	B	RPC-M12B-MS-2CON-PUR-3.0	4114020030	RPC-M12B-MS-2CON-PVC-3.0	4115020030	RPC-M12B-MS-2CON-OR-3.0	4113020030
5.0m, 2poles	B	RPC-M12B-MS-2CON-PUR-5.0	4114020050	RPC-M12B-MS-2CON-PVC-5.0	4115020050	RPC-M12B-MS-2CON-OR-5.0	4113020050
10m, 2poles	B	RPC-M12B-MS-2CON-PUR-10.0	4114020100	RPC-M12B-MS-2CON-PVC-10.0	4115020100	RPC-M12B-MS-2CON-OR-10.0	4113020100
1.5m, 2poles	D	RPC-M12D-MS-2CON-PUR-1.5	4114021015	RPC-M12D-MS-2CON-PVC-1.5	4115021015	RPC-M12D-MS-2CON-OR-1.5	4113021015
3.0m, 2poles	D	RPC-M12D-MS-2CON-PUR-3.0	4114021030	RPC-M12D-MS-2CON-PVC-3.0	4115021030	RPC-M12D-MS-2CON-OR-3.0	4113021030
5.0m, 2poles	D	RPC-M12D-MS-2CON-PUR-5.0	4114021050	RPC-M12D-MS-2CON-PVC-5.0	4115021050	RPC-M12D-MS-2CON-OR-5.0	4113021050
10m, 2poles	D	RPC-M12D-MS-2CON-PUR-10.0	4114021100	RPC-M12D-MS-2CON-PVC-10.0	4115021100	RPC-M12D-MS-2CON-OR-10.0	4113021100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

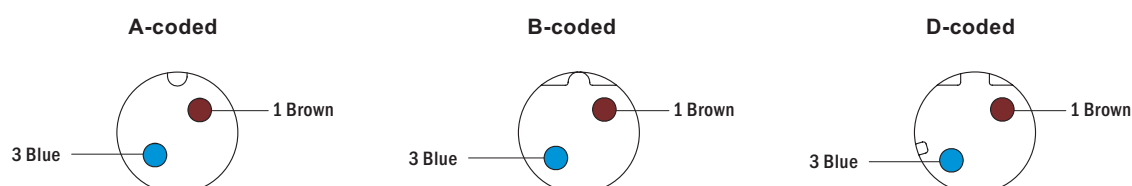
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

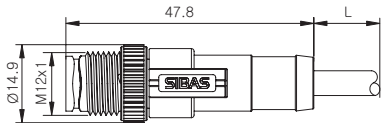
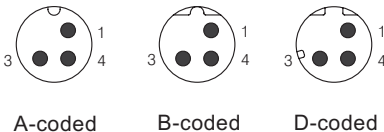
Assembly instruction



M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

3poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-MS-3CON-PUR-1.5	4114036015	RPC-M12-MS-3CON-PVC-1.5	4115036015	RPC-M12-MS-3CON-OR-1.5	4113036015
3.0m,3poles	A	RPC-M12-MS-3CON-PUR-3.0	4114036030	RPC-M12-MS-3CON-PVC-3.0	4115036030	RPC-M12-MS-3CON-OR-3.0	4113036030
5.0m,3poles	A	RPC-M12-MS-3CON-PUR-5.0	4114036050	RPC-M12-MS-3CON-PVC-5.0	4115036050	RPC-M12-MS-3CON-OR-5.0	4113036050
10m,3poles	A	RPC-M12-MS-3CON-PUR-10.0	4114036100	RPC-M12-MS-3CON-PVC-10.0	4115036100	RPC-M12-MS-3CON-OR-10.0	4113030100
1.5m,3poles	B	RPC-M12B-MS-3CON-PUR-1.5	4114030015	RPC-M12B-MS-3CON-PVC-1.5	4115030015	RPC-M12B-MS-3CON-OR-1.5	4113030015
3.0m,3poles	B	RPC-M12B-MS-3CON-PUR-3.0	4114030030	RPC-M12B-MS-3CON-PVC-3.0	4115030030	RPC-M12B-MS-3CON-OR-3.0	4113030030
5.0m,3poles	B	RPC-M12B-MS-3CON-PUR-5.0	4114030050	RPC-M12B-MS-3CON-PVC-5.0	4115030050	RPC-M12B-MS-3CON-OR-5.0	4113030050
10m,3poles	B	RPC-M12B-MS-3CON-PUR-10.0	4114030100	RPC-M12B-MS-3CON-PVC-10.0	4115030100	RPC-M12B-MS-3CON-OR-10.0	4113030100
1.5m,3poles	D	RPC-M12D-MS-3CON-PUR-1.5	4114031015	RPC-M12D-MS-3CON-PVC-1.5	4115031015	RPC-M12D-MS-3CON-OR-1.5	4113031015
3.0m,3poles	D	RPC-M12D-MS-3CON-PUR-3.0	4114031030	RPC-M12D-MS-3CON-PVC-3.0	4115031030	RPC-M12D-MS-3CON-OR-3.0	4113031030
5.0m,3poles	D	RPC-M12D-MS-3CON-PUR-5.0	4114031050	RPC-M12D-MS-3CON-PVC-5.0	4115031050	RPC-M12D-MS-3CON-OR-5.0	4113031050
10m,3poles	D	RPC-M12D-MS-3CON-PUR-10.0	4114031100	RPC-M12D-MS-3CON-PVC-10.0	4115031100	RPC-M12D-MS-3CON-OR-10.0	4113031100

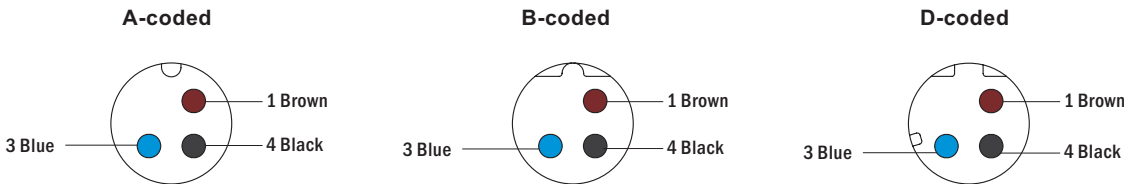
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction



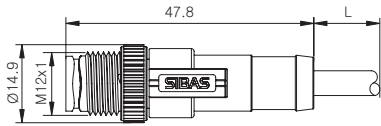
M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

4poles



A-coded B-coded D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-MS-4CON-PUR-1.5	4114046015	RPC-M12-MS-4CON-PVC-1.5	4115046015	RPC-M12-MS-4CON-OR-1.5	4113046015
3.0m, 4poles	A	RPC-M12-MS-4CON-PUR-3.0	4114046030	RPC-M12-MS-4CON-PVC-3.0	4115046030	RPC-M12-MS-4CON-OR-3.0	4113046030
5.0m, 4poles	A	RPC-M12-MS-4CON-PUR-5.0	4114046050	RPC-M12-MS-4CON-PVC-5.0	4115046050	RPC-M12-MS-4CON-OR-5.0	4113046050
10m, 4poles	A	RPC-M12-MS-4CON-PUR-10.0	4114046100	RPC-M12-MS-4CON-PVC-10.0	4115046100	RPC-M12-MS-4CON-OR-10.0	4113046100
1.5m, 4poles	B	RPC-M12B-MS-4CON-PUR-1.5	4114040015	RPC-M12B-MS-4CON-PVC-1.5	4115040015	RPC-M12B-MS-4CON-OR-1.5	4113040015
3.0m, 4poles	B	RPC-M12B-MS-4CON-PUR-3.0	4114040030	RPC-M12B-MS-4CON-PVC-3.0	4115040030	RPC-M12B-MS-4CON-OR-3.0	4113040030
5.0m, 4poles	B	RPC-M12B-MS-4CON-PUR-5.0	4114040050	RPC-M12B-MS-4CON-PVC-5.0	4115040050	RPC-M12B-MS-4CON-OR-5.0	4113040050
10m, 4poles	B	RPC-M12B-MS-4CON-PUR-10.0	4114040100	RPC-M12B-MS-4CON-PVC-10.0	4115040100	RPC-M12B-MS-4CON-OR-10.0	4113040100
1.5m, 4poles	D	RPC-M12D-MS-4CON-PUR-1.5	4114041015	RPC-M12D-MS-4CON-PVC-1.5	4115041015	RPC-M12D-MS-4CON-OR-1.5	4113041015
3.0m, 4poles	D	RPC-M12D-MS-4CON-PUR-3.0	4114041030	RPC-M12D-MS-4CON-PVC-3.0	4115041030	RPC-M12D-MS-4CON-OR-3.0	4113041030
5.0m, 4poles	D	RPC-M12D-MS-4CON-PUR-5.0	4114041050	RPC-M12D-MS-4CON-PVC-5.0	4115041050	RPC-M12D-MS-4CON-OR-5.0	4113041050
10m, 4poles	D	RPC-M12D-MS-4CON-PUR-10.0	4114041100	RPC-M12D-MS-4CON-PVC-10.0	4115041100	RPC-M12D-MS-4CON-OR-10.0	4113041100

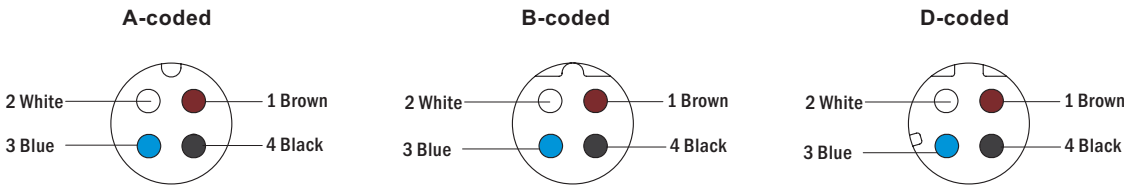
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

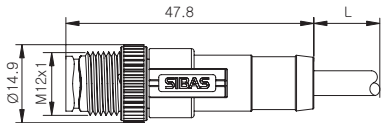
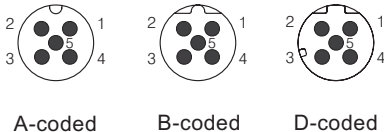
Assembly instruction



M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

5poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-MS-5CON-PUR-1.5	4114056015	RPC-M12-MS-5CON-PVC-1.5	4115056015	RPC-M12-MS-5CON-OR-1.5	4113056015
3.0m,5poles	A	RPC-M12-MS-5CON-PUR-3.0	4114056030	RPC-M12-MS-5CON-PVC-3.0	4115056030	RPC-M12-MS-5CON-OR-3.0	4113056030
5.0m,5poles	A	RPC-M12-MS-5CON-PUR-5.0	4114056050	RPC-M12-MS-5CON-PVC-5.0	4115056050	RPC-M12-MS-5CON-OR-5.0	4113056050
10m,5poles	A	RPC-M12-MS-5CON-PUR-10.0	4114056100	RPC-M12-MS-5CON-PVC-10.0	4115056100	RPC-M12-MS-5CON-OR-10.0	4113056100
1.5m,5poles	B	RPC-M12B-MS-5CON-PUR-1.5	4114050015	RPC-M12B-MS-5CON-PVC-1.5	4115050015	RPC-M12B-MS-5CON-OR-1.5	4113050015
3.0m,5poles	B	RPC-M12B-MS-5CON-PUR-3.0	4114050030	RPC-M12B-MS-5CON-PVC-3.0	4115050030	RPC-M12B-MS-5CON-OR-3.0	4113050030
5.0m,5poles	B	RPC-M12B-MS-5CON-PUR-5.0	4114050050	RPC-M12B-MS-5CON-PVC-5.0	4115050050	RPC-M12B-MS-5CON-OR-5.0	4113050050
10m,5poles	B	RPC-M12B-MS-5CON-PUR-10.0	4114050100	RPC-M12B-MS-5CON-PVC-10.0	4115050100	RPC-M12B-MS-5CON-OR-10.0	4113050100
1.5m,5poles	D	RPC-M12D-MS-5CON-PUR-1.5	4114051015	RPC-M12D-MS-5CON-PVC-1.5	4115051015	RPC-M12D-MS-5CON-OR-1.5	4113051015
3.0m,5poles	D	RPC-M12D-MS-5CON-PUR-3.0	4114051030	RPC-M12D-MS-5CON-PVC-3.0	4115051030	RPC-M12D-MS-5CON-OR-3.0	4113051030
5.0m,5poles	D	RPC-M12D-MS-5CON-PUR-5.0	4114051050	RPC-M12D-MS-5CON-PVC-5.0	4115051050	RPC-M12D-MS-5CON-OR-5.0	4113051050
10m,5poles	D	RPC-M12D-MS-5CON-PUR-10.0	4114051100	RPC-M12D-MS-5CON-PVC-10.0	4115051100	RPC-M12D-MS-5CON-OR-10.0	4113051100

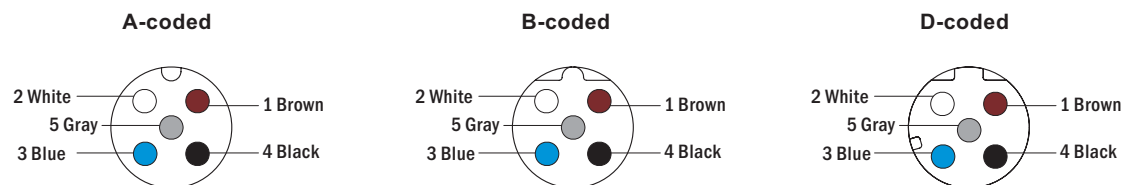
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

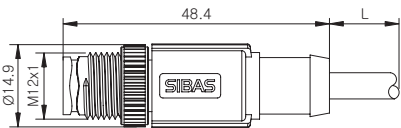
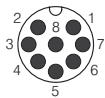
Assembly instruction



M12 Male Moulded, Straight

Description:M12X1 straight plug, and free conductor end

8poles



A-coded

Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-MS-8CON-PUR-1.5	4114086015	RPC-M12-MS-8CON-PVC-1.5	4115086015	RPC-M12-MS-8CON-OR-1.5	4113086015
3.0m,8poles	A	RPC-M12-MS-8CON-PUR-3.0	4114086030	RPC-M12-MS-8CON-PVC-3.0	4115086030	RPC-M12-MS-8CON-OR-3.0	4113086030
5.0m,8poles	A	RPC-M12-MS-8CON-PUR-5.0	4114086050	RPC-M12-MS-8CON-PVC-5.0	4115086050	RPC-M12-MS-8CON-OR-5.0	4113086050
10m,8poles	A	RPC-M12-MS-8CON-PUR-10.0	4114086100	RPC-M12-MS-8CON-PVC-10.0	4115086100	RPC-M12-MS-8CON-OR-10.0	4113080100

Technical data

	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	2A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature Plug	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data

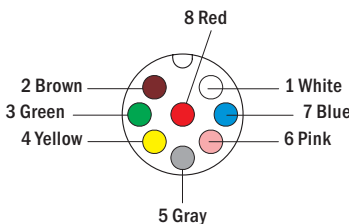
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

Assembly instruction

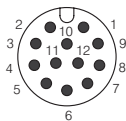
A-coded



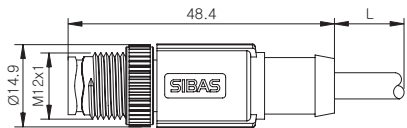
M12 Male Moulded, Straight

Description:M12X1 straight plug, and free conductor end

12poles



A-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,12poles	A	RPC-M12-MS-12CON-PUR-1.5	4114126015	RPC-M12-MS-12CON-PVC-1.5	4115126015	RPC-M12-MS-12CON-OR-1.5	4113126015
3.0m,12poles	A	RPC-M12-MS-12CON-PUR-3.0	4114126030	RPC-M12-MS-12CON-PVC-3.0	4115126030	RPC-M12-MS-12CON-OR-3.0	4113126030
5.0m,12poles	A	RPC-M12-MS-12CON-PUR-5.0	4114126050	RPC-M12-MS-12CON-PVC-5.0	4115126050	RPC-M12-MS-12CON-OR-5.0	4113126050
10m,12poles	A	RPC-M12-MS-12CON-PUR-10.0	4114126100	RPC-M12-MS-12CON-PVC-10.0	4115126100	RPC-M12-MS-12CON-OR-10.0	4113120100

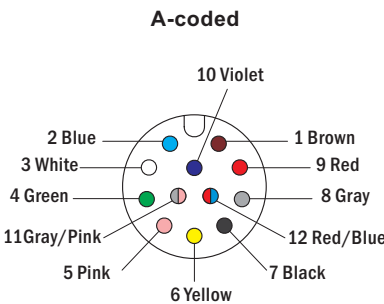
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	1.5A	1.5A	1.5A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature			
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data			
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm	18x0.1mm

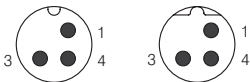
Assembly instruction



M12 Male Moulded, Straight, Shielded

Description: M12X1 straight plug, shielded, and free conductor end

3poles



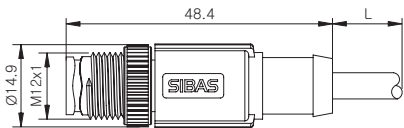
A-coded



B-coded



D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-MS-3CON-PUR-1.5SH	4116036015	RPC-M12-MS-3CON-PVC-1.5SH	4117036015
3.0m,3poles	A	RPC-M12-MS-3CON-PUR-3.0SH	4116036030	RPC-M12-MS-3CON-PVC-3.0SH	4117036030
5.0m,3poles	A	RPC-M12-MS-3CON-PUR-5.0SH	4116036050	RPC-M12-MS-3CON-PVC-5.0SH	4117036050
10m,3poles	A	RPC-M12-MS-3CON-PUR-10.0SH	4116036100	RPC-M12-MS-3CON-PVC-10.0SH	4117036100
1.5m,3poles	B	RPC-M12B-MS-3CON-PUR-1.5SH	4116030015	RPC-M12B-MS-3CON-PVC-1.5SH	4117030015
3.0m,3poles	B	RPC-M12B-MS-3CON-PUR-3.0SH	4116030030	RPC-M12B-MS-3CON-PVC-3.0SH	4117030030
5.0m,3poles	B	RPC-M12B-MS-3CON-PUR-5.0SH	4116030050	RPC-M12B-MS-3CON-PVC-5.0SH	4117030050
10m,3poles	B	RPC-M12B-MS-3CON-PUR-10.0SH	4116030100	RPC-M12B-MS-3CON-PVC-10.0SH	4117030100
1.5m,3poles	D	RPC-M12D-MS-3CON-PUR-1.5SH	4116031015	RPC-M12D-MS-3CON-PVC-1.5SH	4117031015
3.0m,3poles	D	RPC-M12D-MS-3CON-PUR-3.0SH	4116031030	RPC-M12D-MS-3CON-PVC-3.0SH	4117031030
5.0m,3poles	D	RPC-M12D-MS-3CON-PUR-5.0SH	4116031050	RPC-M12D-MS-3CON-PVC-5.0SH	4117031050
10m,3poles	D	RPC-M12D-MS-3CON-PUR-10.0SH	4116031100	RPC-M12D-MS-3CON-PVC-10.0SH	4117031100

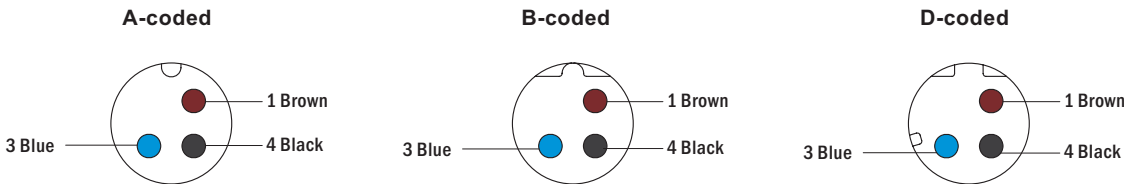
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

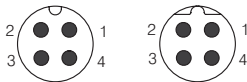
Assembly instruction



M12 Male Moulded, Straight, Shielded

Description: M12X1 straight plug, shielded, and free conductor end

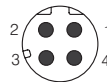
4poles



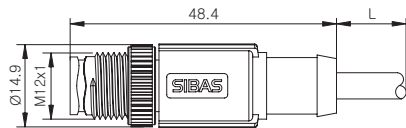
A-coded



B-coded



D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-MS-4CON-PUR-1.5SH	4116046015	RPC-M12-MS-4CON-PVC-1.5SH	4117046015
3.0m, 4poles	A	RPC-M12-MS-4CON-PUR-3.0SH	4116046030	RPC-M12-MS-4CON-PVC-3.0SH	4117046030
5.0m, 4poles	A	RPC-M12-MS-4CON-PUR-5.0SH	4116046050	RPC-M12-MS-4CON-PVC-5.0SH	4117046050
10m, 4poles	A	RPC-M12-MS-4CON-PUR-10.0SH	4116046100	RPC-M12-MS-4CON-PVC-10.0SH	4117046050
1.5m, 4poles	B	RPC-M12B-MS-4CON-PUR-1.5SH	4116040015	RPC-M12B-MS-4CON-PVC-1.5SH	4117040015
3.0m, 4poles	B	RPC-M12B-MS-4CON-PUR-3.0SH	4116040030	RPC-M12B-MS-4CON-PVC-3.0SH	4117040030
5.0m, 4poles	B	RPC-M12B-MS-4CON-PUR-5.0SH	4116040050	RPC-M12B-MS-4CON-PVC-5.0SH	4117040050
10m, 4poles	B	RPC-M12B-MS-4CON-PUR-10.0SH	4116040100	RPC-M12B-MS-4CON-PVC-10.0SH	4117040050
1.5m, 4poles	D	RPC-M12D-MS-4CON-PUR-1.5SH	4116041015	RPC-M12D-MS-4CON-PVC-1.5SH	4117041015
3.0m, 4poles	D	RPC-M12D-MS-4CON-PUR-3.0SH	4116041030	RPC-M12D-MS-4CON-PVC-3.0SH	4117041030
5.0m, 4poles	D	RPC-M12D-MS-4CON-PUR-5.0SH	4116041050	RPC-M12D-MS-4CON-PVC-5.0SH	4117041050
10m, 4poles	D	RPC-M12D-MS-4CON-PUR-10.0SH	4116041100	RPC-M12D-MS-4CON-PVC-10.0SH	4117041050

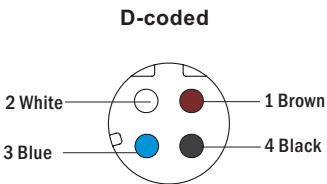
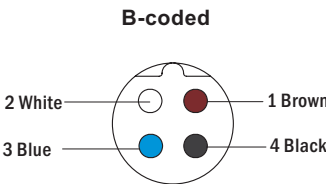
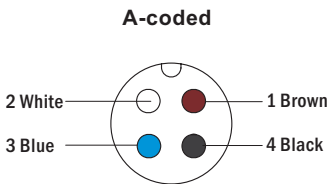
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C

Connector data		
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

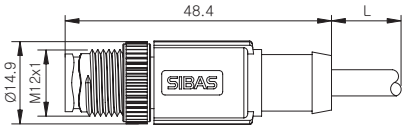
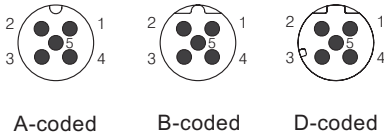
Assembly instruction



M12 Male Moulded, Straight, Shielded

Description: M12X1 straight plug, shielded, and free conductor end

5poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-MS-5CON-PUR-1.5SH	4116056015	RPC-M12-MS-5CON-PVC-1.5SH	4117056015
3.0m,5poles	A	RPC-M12-MS-5CON-PUR-3.0SH	4116056030	RPC-M12-MS-5CON-PVC-3.0SH	4117056030
5.0m,5poles	A	RPC-M12-MS-5CON-PUR-5.0SH	4116056050	RPC-M12-MS-5CON-PVC-5.0SH	4117056050
10m,5poles	A	RPC-M12-MS-5CON-PUR-10.0SH	4116056100	RPC-M12-MS-5CON-PVC-10.0SH	4117056100
1.5m,5poles	B	RPC-M12B-MS-5CON-PUR-1.5SH	4116050015	RPC-M12B-MS-5CON-PVC-1.5SH	4117050015
3.0m,5poles	B	RPC-M12B-MS-5CON-PUR-3.0SH	4116050030	RPC-M12B-MS-5CON-PVC-3.0SH	4117050030
5.0m,5poles	B	RPC-M12B-MS-5CON-PUR-5.0SH	4116050050	RPC-M12B-MS-5CON-PVC-5.0SH	4117050050
10m,5poles	B	RPC-M12B-MS-5CON-PUR-10.0SH	4116050100	RPC-M12B-MS-5CON-PVC-10.0SH	4117050100
1.5m,5poles	D	RPC-M12D-MS-5CON-PUR-1.5SH	4116051015	RPC-M12D-MS-5CON-PVC-1.5SH	4117051015
3.0m,5poles	D	RPC-M12D-MS-5CON-PUR-3.0SH	4116051030	RPC-M12D-MS-5CON-PVC-3.0SH	4117051030
5.0m,5poles	D	RPC-M12D-MS-5CON-PUR-5.0SH	4116051050	RPC-M12D-MS-5CON-PVC-5.0SH	4117051050
10m,5poles	D	RPC-M12D-MS-5CON-PUR-10.0SH	4116051100	RPC-M12D-MS-5CON-PVC-10.0SH	4117051100

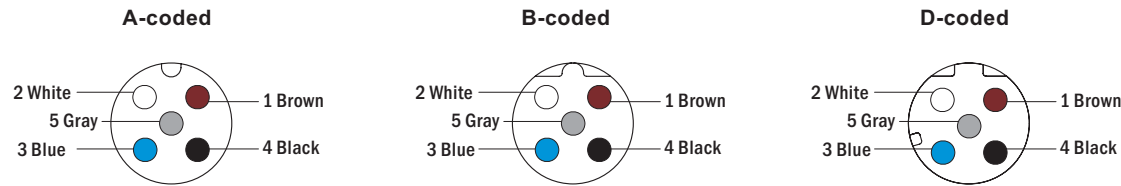
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C

Connector data		
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

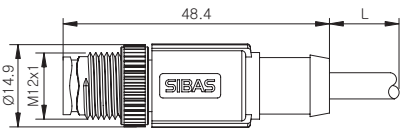
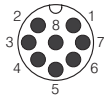
Assembly instruction



M12 Male Moulded, Straight, Shielded

Description:M12X1 straight plug, shielded, and free conductor end

8poles

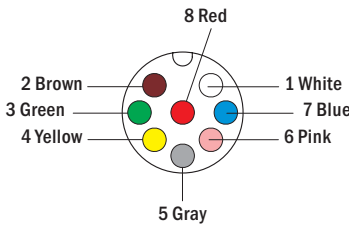


A-coded

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-MS-8CON-PUR-1.5SH	4116086015	RPC-M12-MS-8CON-PVC-1.5SH	4117086015
3.0m,8poles	A	RPC-M12-MS-8CON-PUR-3.0SH	4116086030	RPC-M12-MS-8CON-PVC-3.0SH	4117086030
5.0m,8poles	A	RPC-M12-MS-8CON-PUR-5.0SH	4116086050	RPC-M12-MS-8CON-PVC-5.0SH	4117086050
10m,8poles	A	RPC-M12-MS-8CON-PUR-10.0SH	4116086100	RPC-M12-MS-8CON-PVC-10.0SH	4117086100
Technical data		PUR Cable	PVC Cable		
Nominal current		2A	2A		
Rated voltage		30V	30V		
Contact resistance		≤5m Ω	≤5m Ω		
Pollution degree		3	3		
Degree of protection		IP65	IP65		
Ambient temperature					
Cable, fixed installation		-25°C. . . +80°C	-10°C. . . +70°C		
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C		
Ambient temperature Plug		-25°C. . . +90°C	-25°C. . . +90°C		
Connector data					
Coding		A	A		
Insulating material		PA/TPU	PA/TPU		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Cable data					
Cable Jacket		PUR	PVC		
Cable diameter		5.8mm	5.8mm		
Wire cross section		0.25mm ²	0.25mm ²		
Conductor structure		32x0.1mm	32x0.1mm		

Assembly instruction

A-coded



M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

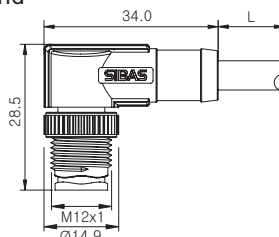
2poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 2poles	A	RPC-M12-MR-2CON-PUR-1.5	4134026015	RPC-M12-MR-2CON-PVC-1.5	4135026015	RPC-M12-MR-2CON-OR-1.5	4133026015
3.0m, 2poles	A	RPC-M12-MR-2CON-PUR-3.0	4134026030	RPC-M12-MR-2CON-PVC-3.0	4135026030	RPC-M12-MR-2CON-OR-3.0	4133026030
5.0m, 2poles	A	RPC-M12-MR-2CON-PUR-5.0	4134026050	RPC-M12-MR-2CON-PVC-5.0	4135026050	RPC-M12-MR-2CON-OR-5.0	4133026050
10m, 2poles	A	RPC-M12-MR-2CON-PUR-10.0	4134026100	RPC-M12-MR-2CON-PVC-10.0	4135026100	RPC-M12-MR-2CON-OR-10.0	4133020100
1.5m, 2poles	B	RPC-M12B-MR-2CON-PUR-1.5	4134020015	RPC-M12B-MR-2CON-PVC-1.5	4135020015	RPC-M12B-MR-2CON-OR-1.5	4133020015
3.0m, 2poles	B	RPC-M12B-MR-2CON-PUR-3.0	4134020030	RPC-M12B-MR-2CON-PVC-3.0	4135020030	RPC-M12B-MR-2CON-OR-3.0	4133020030
5.0m, 2poles	B	RPC-M12B-MR-2CON-PUR-5.0	4134020050	RPC-M12B-MR-2CON-PVC-5.0	4135020050	RPC-M12B-MR-2CON-OR-5.0	4133020050
10m, 2poles	B	RPC-M12B-MR-2CON-PUR-10.0	4134020100	RPC-M12B-MR-2CON-PVC-10.0	4135020100	RPC-M12B-MR-2CON-OR-10.0	4133020100
1.5m, 2poles	D	RPC-M12D-MR-2CON-PUR-1.5	4134021015	RPC-M12D-MR-2CON-PVC-1.5	4135021015	RPC-M12D-MR-2CON-OR-1.5	4133021015
3.0m, 2poles	D	RPC-M12D-MR-2CON-PUR-3.0	4134021030	RPC-M12D-MR-2CON-PVC-3.0	4135021030	RPC-M12D-MR-2CON-OR-3.0	4133021030
5.0m, 2poles	D	RPC-M12D-MR-2CON-PUR-5.0	4134021050	RPC-M12D-MR-2CON-PVC-5.0	4135021050	RPC-M12D-MR-2CON-OR-5.0	4133021050
10m, 2poles	D	RPC-M12D-MR-2CON-PUR-10.0	4134021100	RPC-M12D-MR-2CON-PVC-10.0	4135021100	RPC-M12D-MR-2CON-OR-10.0	4133021100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

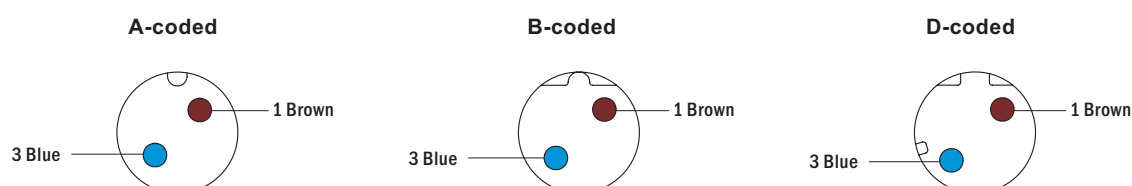
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

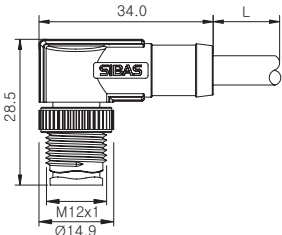
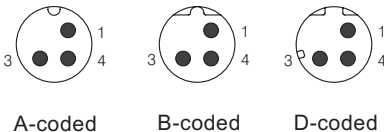
Assembly instruction



M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

3poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-MR-3CON-PUR-1.5	4134036015	RPC-M12-MR-3CON-PVC-1.5	4135036015	RPC-M12-MR-3CON-OR-1.5	4133036015
3.0m,3poles	A	RPC-M12-MR-3CON-PUR-3.0	4134036030	RPC-M12-MR-3CON-PVC-3.0	4135036030	RPC-M12-MR-3CON-OR-3.0	4133036030
5.0m,3poles	A	RPC-M12-MR-3CON-PUR-5.0	4134036050	RPC-M12-MR-3CON-PVC-5.0	4135036050	RPC-M12-MR-3CON-OR-5.0	4133036050
10m,3poles	A	RPC-M12-MR-3CON-PUR-10.0	4134036100	RPC-M12-MR-3CON-PVC-10.0	4135036100	RPC-M12-MR-3CON-OR-10.0	4133030100
1.5m,3poles	B	RPC-M12B-MR-3CON-PUR-1.5	4134030015	RPC-M12B-MR-3CON-PVC-1.5	4135030015	RPC-M12B-MR-3CON-OR-1.5	4133030015
3.0m,3poles	B	RPC-M12B-MR-3CON-PUR-3.0	4134030030	RPC-M12B-MR-3CON-PVC-3.0	4135030030	RPC-M12B-MR-3CON-OR-3.0	4133030030
5.0m,3poles	B	RPC-M12B-MR-3CON-PUR-5.0	4134030050	RPC-M12B-MR-3CON-PVC-5.0	4135030050	RPC-M12B-MR-3CON-OR-5.0	4133030050
10m,3poles	B	RPC-M12B-MR-3CON-PUR-10.0	4134030100	RPC-M12B-MR-3CON-PVC-10.0	4135030100	RPC-M12B-MR-3CON-OR-10.0	4133030100
1.5m,3poles	D	RPC-M12D-MR-3CON-PUR-1.5	4134031015	RPC-M12D-MR-3CON-PVC-1.5	4135031015	RPC-M12D-MR-3CON-OR-1.5	4133031015
3.0m,3poles	D	RPC-M12D-MR-3CON-PUR-3.0	4134031030	RPC-M12D-MR-3CON-PVC-3.0	4135031030	RPC-M12D-MR-3CON-OR-3.0	4133031030
5.0m,3poles	D	RPC-M12D-MR-3CON-PUR-5.0	4134031050	RPC-M12D-MR-3CON-PVC-5.0	4135031050	RPC-M12D-MR-3CON-OR-5.0	4133031050
10m,3poles	D	RPC-M12D-MR-3CON-PUR-10.0	4134031100	RPC-M12D-MR-3CON-PVC-10.0	4135031100	RPC-M12D-MR-3CON-OR-10.0	4133031100

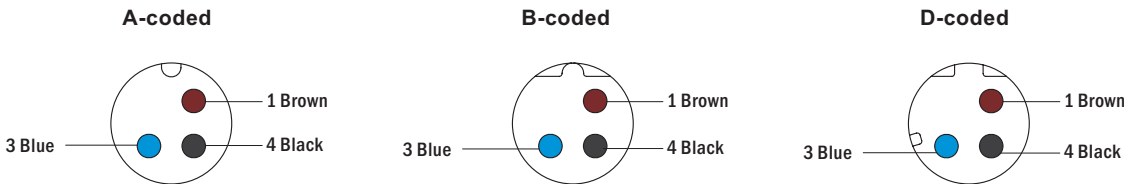
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction



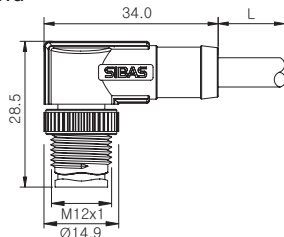
M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

4poles



A-coded B-coded D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-MR-4CON-PUR-1.5	4134046015	RPC-M12-MR-4CON-PVC-1.5	4135046015	RPC-M12-MR-4CON-OR-1.5	4133046015
3.0m, 4poles	A	RPC-M12-MR-4CON-PUR-3.0	4134046030	RPC-M12-MR-4CON-PVC-3.0	4135046030	RPC-M12-MR-4CON-OR-3.0	4133046030
5.0m, 4poles	A	RPC-M12-MR-4CON-PUR-5.0	4134046050	RPC-M12-MR-4CON-PVC-5.0	4135046050	RPC-M12-MR-4CON-OR-5.0	4133046050
10m, 4poles	A	RPC-M12-MR-4CON-PUR-10.0	4134046100	RPC-M12-MR-4CON-PVC-10.0	4135046100	RPC-M12-MR-4CON-OR-10.0	4133040100
1.5m, 4poles	B	RPC-M12B-MR-4CON-PUR-1.5	4134040015	RPC-M12B-MR-4CON-PVC-1.5	4135040015	RPC-M12B-MR-4CON-OR-1.5	4133040015
3.0m, 4poles	B	RPC-M12B-MR-4CON-PUR-3.0	4134040030	RPC-M12B-MR-4CON-PVC-3.0	4135040030	RPC-M12B-MR-4CON-OR-3.0	4133040030
5.0m, 4poles	B	RPC-M12B-MR-4CON-PUR-5.0	4134040050	RPC-M12B-MR-4CON-PVC-5.0	4135040050	RPC-M12B-MR-4CON-OR-5.0	4133040050
10m, 4poles	B	RPC-M12B-MR-4CON-PUR-10.0	4134040100	RPC-M12B-MR-4CON-PVC-10.0	4135040100	RPC-M12B-MR-4CON-OR-10.0	4133040100
1.5m, 4poles	D	RPC-M12D-MR-4CON-PUR-1.5	4134041015	RPC-M12D-MR-4CON-PVC-1.5	4135041015	RPC-M12D-MR-4CON-OR-1.5	4133041015
3.0m, 4poles	D	RPC-M12D-MR-4CON-PUR-3.0	4134041030	RPC-M12D-MR-4CON-PVC-3.0	4135041030	RPC-M12D-MR-4CON-OR-3.0	4133041030
5.0m, 4poles	D	RPC-M12D-MR-4CON-PUR-5.0	4134041050	RPC-M12D-MR-4CON-PVC-5.0	4135041050	RPC-M12D-MR-4CON-OR-5.0	4133041050
10m, 4poles	D	RPC-M12D-MR-4CON-PUR-10.0	4134041100	RPC-M12D-MR-4CON-PVC-10.0	4135041100	RPC-M12D-MR-4CON-OR-10.0	4133041100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

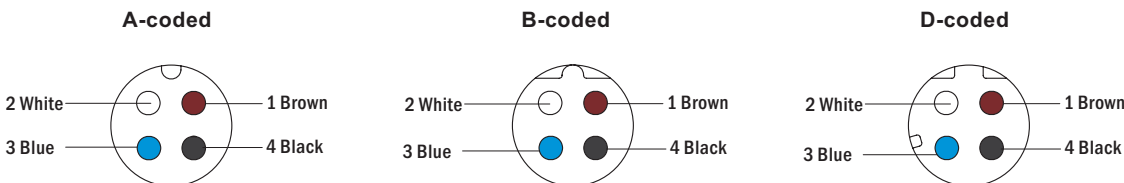
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

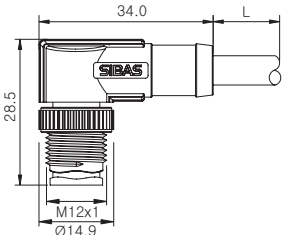
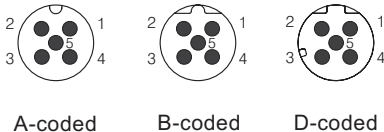
Assembly instruction



M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

5poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	OrderNo.
1.5m,5poles	A	RPC-M12-MR-5CON-PUR-1.5	4134056015	RPC-M12-MR-5CON-PVC-1.5	4135056015	RPC-M12-MR-5CON-OR-1.5	4133056015
3.0m,5poles	A	RPC-M12-MR-5CON-PUR-3.0	4134056030	RPC-M12-MR-5CON-PVC-3.0	4135056030	RPC-M12-MR-5CON-OR-3.0	4133056030
5.0m,5poles	A	RPC-M12-MR-5CON-PUR-5.0	4134056050	RPC-M12-MR-5CON-PVC-5.0	4135056050	RPC-M12-MR-5CON-OR-5.0	4133056050
10m,5poles	A	RPC-M12-MR-5CON-PUR-10.0	4134056100	RPC-M12-MR-5CON-PVC-10.0	4135056100	RPC-M12-MR-5CON-OR-10.0	4133050100
1.5m,5poles	B	RPC-M12B-MR-5CON-PUR-1.5	4134050015	RPC-M12B-MR-5CON-PVC-1.5	4135050015	RPC-M12B-MR-5CON-OR-1.5	4133050015
3.0m,5poles	B	RPC-M12B-MR-5CON-PUR-3.0	4134050030	RPC-M12B-MR-5CON-PVC-3.0	4135050030	RPC-M12B-MR-5CON-OR-3.0	4133050030
5.0m,5poles	B	RPC-M12B-MR-5CON-PUR-5.0	4134050050	RPC-M12B-MR-5CON-PVC-5.0	4135030050	RPC-M12B-MR-5CON-OR-5.0	4133050050
10m,5poles	B	RPC-M12B-MR-5CON-PUR-10.0	4134050100	RPC-M12B-MR-5CON-PVC-10.0	4135050100	RPC-M12B-MR-5CON-OR-10.0	4133050100
1.5m,5poles	D	RPC-M12D-MR-5CON-PUR-1.5	4134051015	RPC-M12D-MR-5CON-PVC-1.5	4135051015	RPC-M12D-MR-5CON-OR-1.5	4133051015
3.0m,5poles	D	RPC-M12D-MR-5CON-PUR-3.0	4134051030	RPC-M12D-MR-5CON-PVC-3.0	4135051030	RPC-M12D-MR-5CON-OR-3.0	4133051030
5.0m,5poles	D	RPC-M12D-MR-5CON-PUR-5.0	4134051050	RPC-M12D-MR-5CON-PVC-5.0	4135051050	RPC-M12D-MR-5CON-OR-5.0	4133051050
10m,5poles	D	RPC-M12D-MR-5CON-PUR-10.0	4134051100	RPC-M12D-MR-5CON-PVC-10.0	4135051100	RPC-M12D-MR-5CON-OR-10.0	4133051100

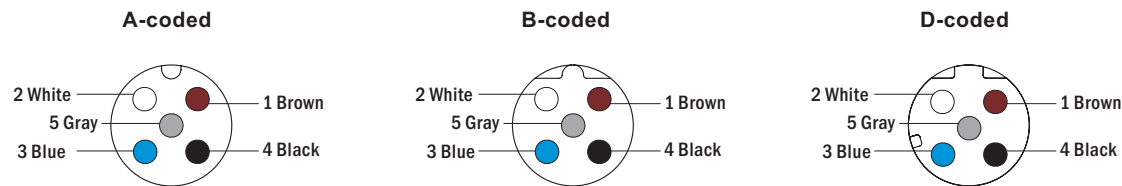
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

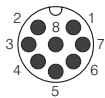
Assembly instruction



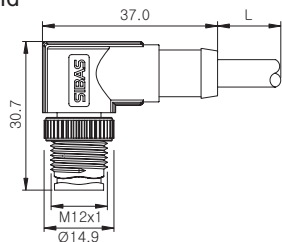
M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

8poles



A-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-MR-8CON-PUR-1.5	4134086015	RPC-M12-MR-8CON-PVC-1.5	4135086015	RPC-M12-MR-8CON-OR-1.5	4136086015
3.0m,8poles	A	RPC-M12-MR-8CON-PUR-3.0	4134086030	RPC-M12-MR-8CON-PVC-3.0	4135086030	RPC-M12-MR-8CON-OR-3.0	4136086030
5.0m,8poles	A	RPC-M12-MR-8CON-PUR-5.0	4134086050	RPC-M12-MR-8CON-PVC-5.0	4135086050	RPC-M12-MR-8CON-OR-5.0	4136086050
10m,8poles	A	RPC-M12-MR-8CON-PUR-10.0	4134086100	RPC-M12-MR-8CON-PVC-10.0	4135086100	RPC-M12-MR-8CON-OR-10.0	4136080100

Technical data

	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	2A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature Plug	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data

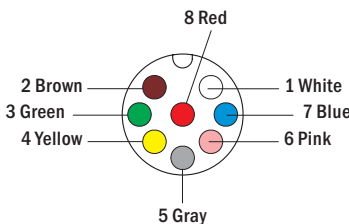
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

Assembly instruction

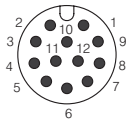
A-coded



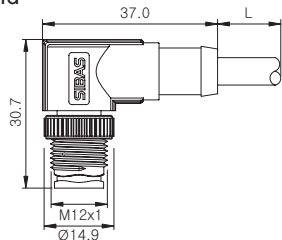
M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

12poles



A-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,12poles	A	RPC-M12-MR-12CON-PUR-1.5	4134126015	RPC-M12-MR-12CON-PVC-1.5	4135126015	RPC-M12-MR-12CON-OR-1.5	4136126015
3.0m,12poles	A	RPC-M12-MR-12CON-PUR-3.0	4134126030	RPC-M12-MR-12CON-PVC-3.0	4135126030	RPC-M12-MR-12CON-OR-3.0	4136126030
5.0m,12poles	A	RPC-M12-MR-12CON-PUR-5.0	4134126050	RPC-M12-MR-12CON-PVC-5.0	4135126050	RPC-M12-MR-12CON-OR-5.0	4136126050
10m,12poles	A	RPC-M12-MR-12CON-PUR-10.0	4134126100	RPC-M12-MR-12CON-PVC-10.0	4135126100	RPC-M12-MR-12CON-OR-10.0	4136126100

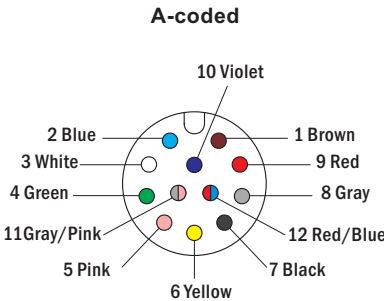
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	1.5A	1.5A	1.5A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm	18x0.1mm

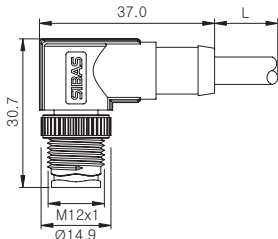
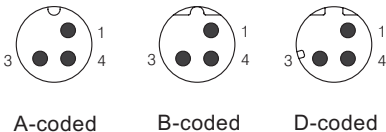
Assembly instruction



M12 Male Moulded, Angled, Shielded

Description: M12X1 angled plug, shielded, and free conductor end

3poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 3poles	A	RPC-M12-MR-3CON-PUR-1.5SH	4136036015	RPC-M12-MR-3CON-PVC-1.5SH	4137036015
3.0m, 3poles	A	RPC-M12-MR-3CON-PUR-3.0SH	4136036030	RPC-M12-MR-3CON-PVC-3.0SH	4137036030
5.0m, 3poles	A	RPC-M12-MR-3CON-PUR-5.0SH	4136036050	RPC-M12-MR-3CON-PVC-5.0SH	4137036050
10m, 3poles	A	RPC-M12-MR-3CON-PUR-10.0SH	4136036100	RPC-M12-MR-3CON-PVC-10.0SH	4137036100
1.5m, 3poles	B	RPC-M12B-MR-3CON-PUR-1.5SH	4136030015	RPC-M12B-MR-3CON-PVC-1.5SH	4137030015
3.0m, 3poles	B	RPC-M12B-MR-3CON-PUR-3.0SH	4136030030	RPC-M12B-MR-3CON-PVC-3.0SH	4137030030
5.0m, 3poles	B	RPC-M12B-MR-3CON-PUR-5.0SH	4136030050	RPC-M12B-MR-3CON-PVC-5.0SH	4137030050
10m, 3poles	B	RPC-M12B-MR-3CON-PUR-10.0SH	4136030100	RPC-M12B-MR-3CON-PVC-10.0SH	4137030100
1.5m, 3poles	D	RPC-M12D-MR-3CON-PUR-1.5SH	4136031015	RPC-M12D-MR-3CON-PVC-1.5SH	4137031015
3.0m, 3poles	D	RPC-M12D-MR-3CON-PUR-3.0SH	4136031030	RPC-M12D-MR-3CON-PVC-3.0SH	4137031030
5.0m, 3poles	D	RPC-M12D-MR-3CON-PUR-5.0SH	4136031050	RPC-M12D-MR-3CON-PVC-5.0SH	4137031050
10m, 3poles	D	RPC-M12D-MR-3CON-PUR-10.0SH	4136031100	RPC-M12D-MR-3CON-PVC-10.0SH	4137031100

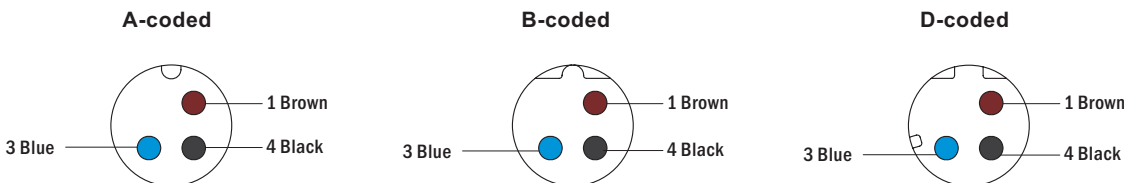
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

Assembly instruction



M12 Male Moulded, Angled, Shielded

Description: M12X1 angled plug, shielded, and free conductor end

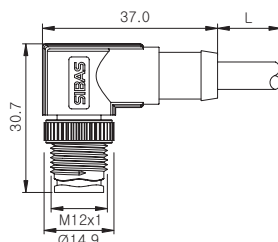
4poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-MR-4CON-PUR-1.5SH	4136046015	RPC-M12-MR-4CON-PVC-1.5SH	4137046015
3.0m, 4poles	A	RPC-M12-MR-4CON-PUR-3.0SH	4136046030	RPC-M12-MR-4CON-PVC-3.0SH	4137046030
5.0m, 4poles	A	RPC-M12-MR-4CON-PUR-5.0SH	4136046050	RPC-M12-MR-4CON-PVC-5.0SH	4137046050
10m, 4poles	A	RPC-M12-MR-4CON-PUR-10.0SH	4136046100	RPC-M12-MR-4CON-PVC-10.0SH	4137046100
1.5m, 4poles	B	RPC-M12B-MR-4CON-PUR-1.5SH	4136040015	RPC-M12B-MR-4CON-PVC-1.5SH	4137040015
3.0m, 4poles	B	RPC-M12B-MR-4CON-PUR-3.0SH	4136040030	RPC-M12B-MR-4CON-PVC-3.0SH	4137040030
5.0m, 4poles	B	RPC-M12B-MR-4CON-PUR-5.0SH	4136040050	RPC-M12B-MR-4CON-PVC-5.0SH	4137040050
10m, 4poles	B	RPC-M12B-MR-4CON-PUR-10.0SH	4136040100	RPC-M12B-MR-4CON-PVC-10.0SH	4137040100
1.5m, 4poles	D	RPC-M12D-MR-4CON-PUR-1.5SH	4136041015	RPC-M12D-MR-4CON-PVC-1.5SH	4137041015
3.0m, 4poles	D	RPC-M12D-MR-4CON-PUR-3.0SH	4136041030	RPC-M12D-MR-4CON-PVC-3.0SH	4137041030
5.0m, 4poles	D	RPC-M12D-MR-4CON-PUR-5.0SH	4136041050	RPC-M12D-MR-4CON-PVC-5.0SH	4137041050
10m, 4poles	D	RPC-M12D-MR-4CON-PUR-10.0SH	4136041100	RPC-M12D-MR-4CON-PVC-10.0SH	4137041100

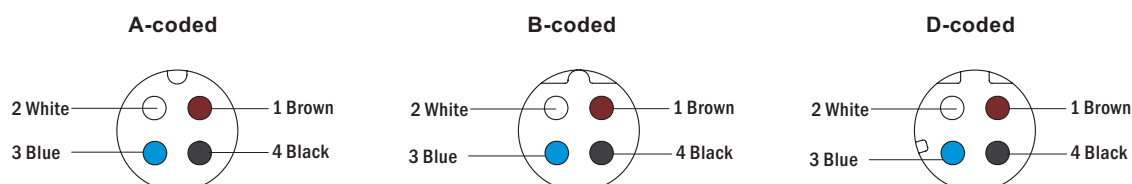
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-25°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature Plug	-25°C... +90°C	-25°C... +90°C

Connector data		
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

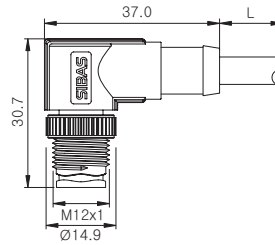
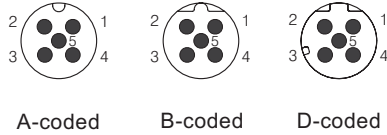
Assembly instruction



M12 Male Moulded, Angled, Shielded

Description: M12X1 angled plug, shielded, and free conductor end

5poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 5poles	A	RPC-M12-MR-5CON-PUR-1.5SH	4136056015	RPC-M12-MR-5CON-PVC-1.5SH	4137056015
3.0m, 5poles	A	RPC-M12-MR-5CON-PUR-3.0SH	4136056030	RPC-M12-MR-5CON-PVC-3.0SH	4137056030
5.0m, 5poles	A	RPC-M12-MR-5CON-PUR-5.0SH	4136056050	RPC-M12-MR-5CON-PVC-5.0SH	4137056050
10m, 5poles	A	RPC-M12-MR-5CON-PUR-10.0SH	4136056100	RPC-M12-MR-5CON-PVC-10.0SH	4137056100
1.5m, 5poles	B	RPC-M12B-MR-5CON-PUR-1.5SH	4136050015	RPC-M12B-MR-5CON-PVC-1.5SH	4137050015
3.0m, 5poles	B	RPC-M12B-MR-5CON-PUR-3.0SH	4136050030	RPC-M12B-MR-5CON-PVC-3.0SH	4137050030
5.0m, 5poles	B	RPC-M12B-MR-5CON-PUR-5.0SH	4136050050	RPC-M12B-MR-5CON-PVC-5.0SH	4137050050
10m, 5poles	B	RPC-M12B-MR-5CON-PUR-10.0SH	4136050100	RPC-M12B-MR-5CON-PVC-10.0SH	4137050100
1.5m, 5poles	D	RPC-M12D-MR-5CON-PUR-1.5SH	4136051015	RPC-M12D-MR-5CON-PVC-1.5SH	4137051015
3.0m, 5poles	D	RPC-M12D-MR-5CON-PUR-3.0SH	4136051030	RPC-M12D-MR-5CON-PVC-3.0SH	4137051030
5.0m, 5poles	D	RPC-M12D-MR-5CON-PUR-5.0SH	4136051050	RPC-M12D-MR-5CON-PVC-5.0SH	4137051050
10m, 5poles	D	RPC-M12D-MR-5CON-PUR-10.0SH	4136051100	RPC-M12D-MR-5CON-PVC-10.0SH	4137051100

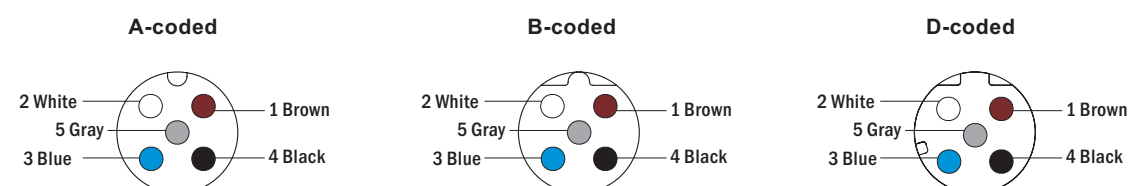
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-25°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature Plug	-25°C... +90°C	-25°C... +90°C

Connector data	PUR Cable	PVC Cable
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

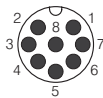
Assembly instruction



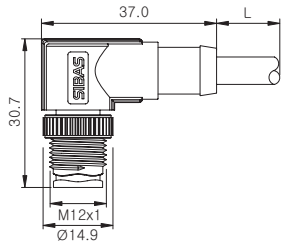
M12 Male Moulded, Angled, Shielded

Description:M12X1 angled plug, shielded, and free conductor end

8poles



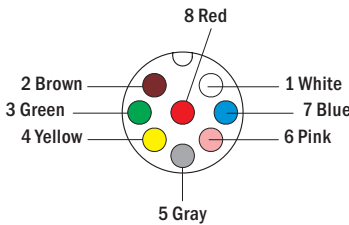
A-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-MR-8CON-PUR-1.5SH	4136086015	RPC-M12-MR-8CON-PVC-1.5SH	4137086015
3.0m,8poles	A	RPC-M12-MR-8CON-PUR-3.0SH	4136086030	RPC-M12-MR-8CON-PVC-3.0SH	4137086030
5.0m,8poles	A	RPC-M12-MR-8CON-PUR-5.0SH	4136086050	RPC-M12-MR-8CON-PVC-5.0SH	4137086050
10m,8poles	A	RPC-M12-MR-8CON-PUR-10.0SH	4136086100	RPC-M12-MR-8CON-PVC-10.0SH	4137086100
Technical data		PUR Cable	PVC Cable		
Nominal current		2A	2A		
Rated voltage		30V	30V		
Contact resistance		≤5m Ω	≤5m Ω		
Pollution degree		3	3		
Degree of protection		IP65	IP65		
Ambient temperature					
Cable, fixed installation		-25°C. . . +80°C	-10°C. . . +70°C		
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C		
Ambient temperature Plug		-25°C. . . +90°C	-25°C. . . +90°C		
Connector data					
Coding		A	A		
Insulating material		PA/TPU	PA/TPU		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Cable data					
Cable Jacket		PUR	PVC		
Cable diameter		5.8mm	5.8mm		
Wire cross section		0.25mm ²	0.25mm ²		
Conductor structure		32x0.1mm	32x0.1mm		

Assembly instruction

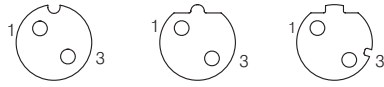
A-coded



M12 Female Moulded, Straight

Description: M12X1 straight socket, and free conductor end

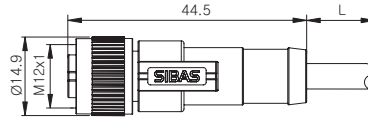
2poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 2poles	A	RPC-M12-FS-2CON-PUR-1.5	4104027015	RPC-M12-FS-2CON-PVC-1.5	4105027015	RPC-M12-FS-2CON-OR-1.5	4103027015
3.0m, 2poles	A	RPC-M12-FS-2CON-PUR-3.0	4104027030	RPC-M12-FS-2CON-PVC-3.0	4105027030	RPC-M12-FS-2CON-OR-3.0	4103027030
5.0m, 2poles	A	RPC-M12-FS-2CON-PUR-5.0	4104027050	RPC-M12-FS-2CON-PVC-5.0	4105027050	RPC-M12-FS-2CON-OR-5.0	4103027050
10m, 2poles	A	RPC-M12-FS-2CON-PUR-10.0	4104027100	RPC-M12-FS-2CON-PVC-10.0	4105027100	RPC-M12-FS-2CON-OR-10.0	4103027100
1.5m, 2poles	B	RPC-M12B-FS-2CON-PUR-1.5	4104022015	RPC-M12B-FS-2CON-PVC-1.5	4105022015	RPC-M12B-FS-2CON-OR-1.5	4103022015
3.0m, 2poles	B	RPC-M12B-FS-2CON-PUR-3.0	4104022030	RPC-M12B-FS-2CON-PVC-3.0	4105022030	RPC-M12B-FS-2CON-OR-3.0	4103022030
5.0m, 2poles	B	RPC-M12B-FS-2CON-PUR-5.0	4104022050	RPC-M12B-FS-2CON-PVC-5.0	4105022050	RPC-M12B-FS-2CON-OR-5.0	4103022050
10m, 2poles	B	RPC-M12B-FS-2CON-PUR-10.0	4104022100	RPC-M12B-FS-2CON-PVC-10.0	4105022100	RPC-M12B-FS-2CON-OR-10.0	4103022100
1.5m, 2poles	D	RPC-M12D-FS-2CON-PUR-1.5	4104023015	RPC-M12D-FS-2CON-PVC-1.5	4105023015	RPC-M12D-FS-2CON-OR-1.5	4103023015
3.0m, 2poles	D	RPC-M12D-FS-2CON-PUR-3.0	4104023030	RPC-M12D-FS-2CON-PVC-3.0	4105023030	RPC-M12D-FS-2CON-OR-3.0	4103023030
5.0m, 2poles	D	RPC-M12D-FS-2CON-PUR-5.0	4104023050	RPC-M12D-FS-2CON-PVC-5.0	4105023050	RPC-M12D-FS-2CON-OR-5.0	4103023050
10m, 2poles	D	RPC-M12D-FS-2CON-PUR-10.0	4104023100	RPC-M12D-FS-2CON-PVC-10.0	4105023100	RPC-M12D-FS-2CON-OR-10.0	4103023100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

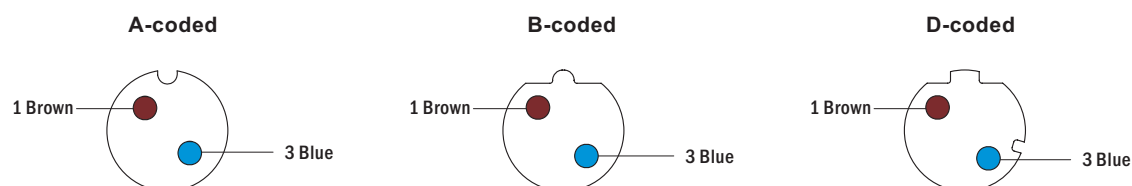
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction



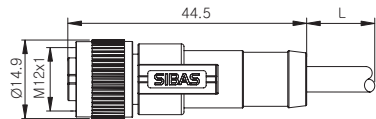
M12 Female Moulded, Straight

Description:M12X1 straight socket, and free conductor end

3poles



A-coded B-coded D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-FS-3CON-PUR-1.5	4104037015	RPC-M12-FS-3CON-PVC-1.5	4105037015	RPC-M12-FS-3CON-OR-1.5	4103037015
3.0m,3poles	A	RPC-M12-FS-3CON-PUR-3.0	4104037030	RPC-M12-FS-3CON-PVC-3.0	4105037030	RPC-M12-FS-3CON-OR-3.0	4103037030
5.0m,3poles	A	RPC-M12-FS-3CON-PUR-5.0	4104037050	RPC-M12-FS-3CON-PVC-5.0	4105037050	RPC-M12-FS-3CON-OR-5.0	4103037050
10m,3poles	A	RPC-M12-FS-3CON-PUR-10.0	4104037100	RPC-M12-FS-3CON-PVC-10.0	4105037100	RPC-M12-FS-3CON-OR-10.0	4103037100
1.5m,3poles	B	RPC-M12B-FS-3CON-PUR-1.5	4104032015	RPC-M12B-FS-3CON-PVC-1.5	4105032015	RPC-M12B-FS-3CON-OR-1.5	4103032015
3.0m,3poles	B	RPC-M12B-FS-3CON-PUR-3.0	4104032030	RPC-M12B-FS-3CON-PVC-3.0	4105032030	RPC-M12B-FS-3CON-OR-3.0	4103032030
5.0m,3poles	B	RPC-M12B-FS-3CON-PUR-5.0	4104032050	RPC-M12B-FS-3CON-PVC-5.0	4105032050	RPC-M12B-FS-3CON-OR-5.0	4103032050
10m,3poles	B	RPC-M12B-FS-3CON-PUR-10.0	4104032100	RPC-M12B-FS-3CON-PVC-10.0	4105032100	RPC-M12B-FS-3CON-OR-10.0	4103032100
1.5m,3poles	D	RPC-M12D-FS-3CON-PUR-1.5	4104033015	RPC-M12D-FS-3CON-PVC-1.5	4105033015	RPC-M12D-FS-3CON-OR-1.5	4103033015
3.0m,3poles	D	RPC-M12D-FS-3CON-PUR-3.0	4104033030	RPC-M12D-FS-3CON-PVC-3.0	4105033030	RPC-M12D-FS-3CON-OR-3.0	4103033030
5.0m,3poles	D	RPC-M12D-FS-3CON-PUR-5.0	4104033050	RPC-M12D-FS-3CON-PVC-5.0	4105033050	RPC-M12D-FS-3CON-OR-5.0	4103033050
10m,3poles	D	RPC-M12D-FS-3CON-PUR-10.0	4104033100	RPC-M12D-FS-3CON-PVC-10.0	4105033100	RPC-M12D-FS-3CON-OR-10.0	4103033100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

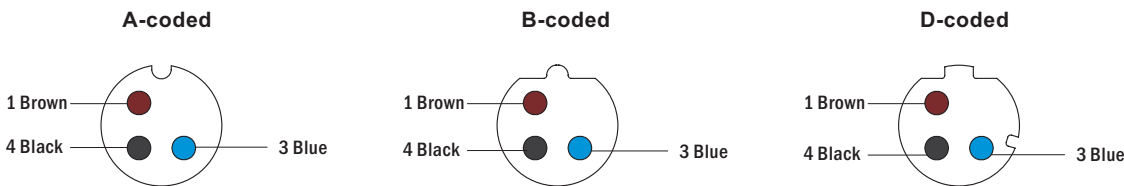
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

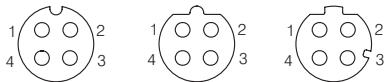
Assembly instruction



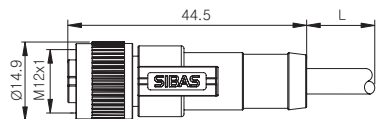
M12 Female Moulded, Straight

Description: M12X1 straight socket, and free conductor end

4poles



A-coded B-coded D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-FS-4CON-PUR-1.5	4104047015	RPC-M12-FS-4CON-PVC-1.5	4105047015	RPC-M12-FS-4CON-OR-1.5	4103047015
3.0m, 4poles	A	RPC-M12-FS-4CON-PUR-3.0	4104047030	RPC-M12-FS-4CON-PVC-3.0	4105047030	RPC-M12-FS-4CON-OR-3.0	4103047030
5.0m, 4poles	A	RPC-M12-FS-4CON-PUR-5.0	4104047050	RPC-M12-FS-4CON-PVC-5.0	4105047050	RPC-M12-FS-4CON-OR-5.0	4103047050
10m, 4poles	A	RPC-M12-FS-4CON-PUR-10.0	4104047100	RPC-M12-FS-4CON-PVC-10.0	4105047100	RPC-M12-FS-4CON-OR-10.0	4103047100
1.5m, 4poles	B	RPC-M12B-FS-4CON-PUR-1.5	4104042015	RPC-M12B-FS-4CON-PVC-1.5	4105042015	RPC-M12B-FS-4CON-OR-1.5	4103042015
3.0m, 4poles	B	RPC-M12B-FS-4CON-PUR-3.0	4104042030	RPC-M12B-FS-4CON-PVC-3.0	4105042030	RPC-M12B-FS-4CON-OR-3.0	4103042030
5.0m, 4poles	B	RPC-M12B-FS-4CON-PUR-5.0	4104042050	RPC-M12B-FS-4CON-PVC-5.0	4105042050	RPC-M12B-FS-4CON-OR-5.0	4103042050
10m, 4poles	B	RPC-M12B-FS-4CON-PUR-10.0	4104042100	RPC-M12B-FS-4CON-PVC-10.0	4105042100	RPC-M12B-FS-4CON-OR-10.0	4103042100
1.5m, 4poles	D	RPC-M12D-FS-4CON-PUR-1.5	4104043015	RPC-M12D-FS-4CON-PVC-1.5	4105043015	RPC-M12D-FS-4CON-OR-1.5	4103043015
3.0m, 4poles	D	RPC-M12D-FS-4CON-PUR-3.0	4104043030	RPC-M12D-FS-4CON-PVC-3.0	4105043030	RPC-M12D-FS-4CON-OR-3.0	4103043030
5.0m, 4poles	D	RPC-M12D-FS-4CON-PUR-5.0	4104043050	RPC-M12D-FS-4CON-PVC-5.0	4105043050	RPC-M12D-FS-4CON-OR-5.0	4103043050
10m, 4poles	D	RPC-M12D-FS-4CON-PUR-10.0	4104043100	RPC-M12D-FS-4CON-PVC-10.0	4105043100	RPC-M12D-FS-4CON-OR-10.0	4103043100

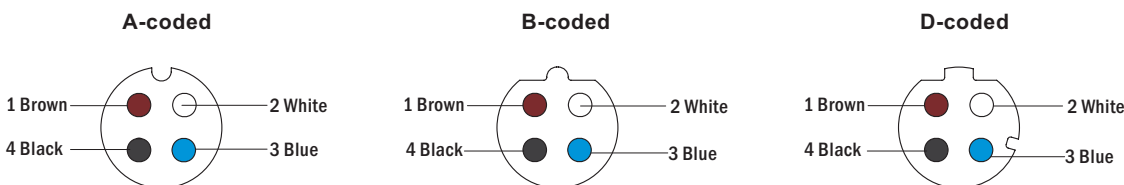
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

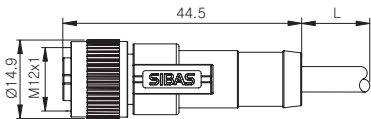
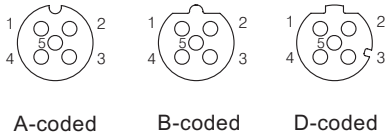
Assembly instruction



M12 Female Moulded, Straight

Description:M12X1 straight socket, and free conductor end

5poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-FS-5CON-PUR-1.5	4104057015	RPC-M12-FS-5CON-PVC-1.5	4105057015	RPC-M12-FS-5CON-OR-1.5	4103057015
3.0m,5poles	A	RPC-M12-FS-5CON-PUR-3.0	4104057030	RPC-M12-FS-5CON-PVC-3.0	4105057030	RPC-M12-FS-5CON-OR-3.0	4103057030
5.0m,5poles	A	RPC-M12-FS-5CON-PUR-5.0	4104057050	RPC-M12-FS-5CON-PVC-5.0	4105057050	RPC-M12-FS-5CON-OR-5.0	4103057050
10m,5poles	A	RPC-M12-FS-5CON-PUR-10.0	4104057100	RPC-M12-FS-5CON-PVC-10.0	4105057100	RPC-M12-FS-5CON-OR-10.0	4103057100
1.5m,5poles	B	RPC-M12B-FS-5CON-PUR-1.5	4104052015	RPC-M12B-FS-5CON-PVC-1.5	4105052015	RPC-M12B-FS-5CON-OR-1.5	4103052015
3.0m,5poles	B	RPC-M12B-FS-5CON-PUR-3.0	4104052030	RPC-M12B-FS-5CON-PVC-3.0	4105052030	RPC-M12B-FS-5CON-OR-3.0	4103052030
5.0m,5poles	B	RPC-M12B-FS-5CON-PUR-5.0	4104052050	RPC-M12B-FS-5CON-PVC-5.0	4105052050	RPC-M12B-FS-5CON-OR-5.0	4103052050
10m,5poles	B	RPC-M12B-FS-5CON-PUR-10.0	4104052100	RPC-M12B-FS-5CON-PVC-10.0	4105052100	RPC-M12B-FS-5CON-OR-10.0	4103052100
1.5m,5poles	D	RPC-M12D-FS-5CON-PUR-1.5	4104053015	RPC-M12D-FS-5CON-PVC-1.5	4105053015	RPC-M12D-FS-5CON-OR-1.5	4103053015
3.0m,5poles	D	RPC-M12D-FS-5CON-PUR-3.0	4104053030	RPC-M12D-FS-5CON-PVC-3.0	4105053030	RPC-M12D-FS-5CON-OR-3.0	4103053030
5.0m,5poles	D	RPC-M12D-FS-5CON-PUR-5.0	4104053050	RPC-M12D-FS-5CON-PVC-5.0	4105053050	RPC-M12D-FS-5CON-OR-5.0	4103053050
10m,5poles	D	RPC-M12D-FS-5CON-PUR-10.0	4104053100	RPC-M12D-FS-5CON-PVC-10.0	4105053100	RPC-M12D-FS-5CON-OR-10.0	4103053100

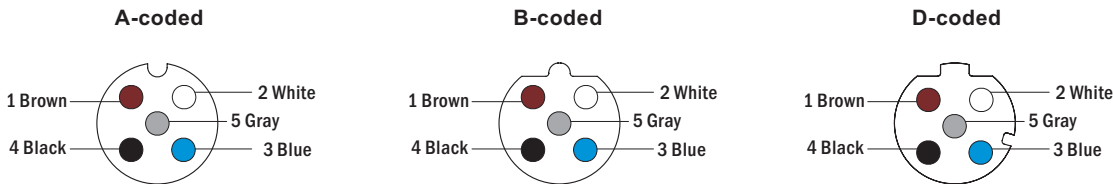
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

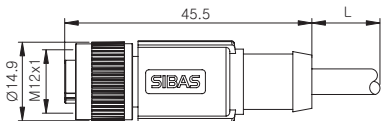
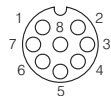
Assembly instruction



M12 Female Moulded, Straight

Description:M12X1 straight socket, and free conductor end

8poles



A-coded

Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-FS-8CON-PUR-1.5	4104087015	RPC-M12-FS-8CON-PVC-1.5	4105087015	RPC-M12-FS-8CON-OR-1.5	4103087015
3.0m,8poles	A	RPC-M12-FS-8CON-PUR-3.0	4104087030	RPC-M12-FS-8CON-PVC-3.0	4105087030	RPC-M12-FS-8CON-OR-3.0	4103087030
5.0m,8poles	A	RPC-M12-FS-8CON-PUR-5.0	4104087050	RPC-M12-FS-8CON-PVC-5.0	4105087050	RPC-M12-FS-8CON-OR-5.0	4103087050
10m,8poles	A	RPC-M12-FS-8CON-PUR-10.0	4104087100	RPC-M12-FS-8CON-PVC-10.0	4105087100	RPC-M12-FS-8CON-OR-10.0	4103087100

Technical data

Nominal current

PUR Cable

PVC Cable

Resistant to welding beads cable

Rated voltage

2A

2A

2A

Contact resistance

30V

30V

30V

Pollution degree

≤5m Ω

≤5m Ω

≤5m Ω

Degree of protection

3

3

3

Ambient temperature

Cable, fixed installation

-40°C. . . +80°C

-10°C. . . +70°C

-40°C. . . +120°C

Cable, flexible installation

-5°C. . . +80°C

-5°C. . . +70°C

-5°C. . . +120°C

Ambient temperature Plug

-25°C. . . +90°C

-25°C. . . +90°C

-25°C. . . +90°C

Connector data

Coding

A

A

A

Insulating material

PA/TPU

PA/TPU

PA/TPU

Contact material

CuSn

CuSn

CuSn

Contact surface material

Ni/Au

Ni/Au

Ni/Au

Material of grip body

TPU

TPU

TPU

Cable data

Cable Jacket

PUR

PVC

Resistant to welding beads

Cable diameter

5.8mm

5.8mm

5.8mm

Wire cross section

0.25mm²

0.25mm²

0.25mm²

Conductor structure

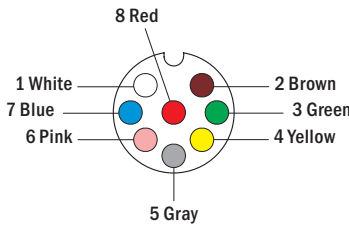
32x0.1mm

32x0.1mm

32x0.1mm

Assembly instruction

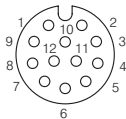
A-coded



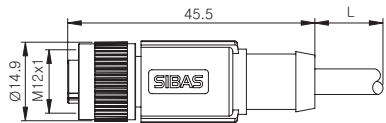
M12 Female Moulded, Straight

Description:M12X1 straight socket, and free conductor end

12poles



A-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,12poles	A	RPC-M12-FS-12CON-PUR-1.5	4104127015	RPC-M12-FS-12CON-PVC-1.5	4105127015	RPC-M12-FS-12CON-OR-1.5	4103127015
3.0m,12poles	A	RPC-M12-FS-12CON-PUR-3.0	4104127030	RPC-M12-FS-12CON-PVC-3.0	4105127030	RPC-M12-FS-12CON-OR-3.0	4103127030
5.0m,12poles	A	RPC-M12-FS-12CON-PUR-5.0	4104127050	RPC-M12-FS-12CON-PVC-5.0	4105127050	RPC-M12-FS-12CON-OR-5.0	4103127050
10m,12poles	A	RPC-M12-FS-12CON-PUR-10.0	4104127100	RPC-M12-FS-12CON-PVC-10.0	4105127100	RPC-M12-FS-12CON-OR-10.0	4103127100

Technical data		PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current		1.5A	1.5A	1.5A
Rated voltage		30V	30V	30V
Contact resistance		≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree		3	3	3
Degree of protection		IP67	IP67	IP67

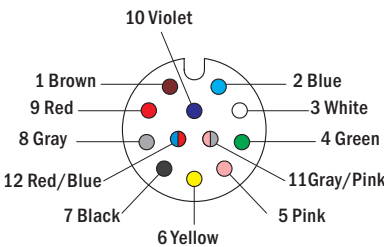
Ambient temperature		PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation		-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket		-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data		A	A	A
Coding		A	A	A
Insulating material		PA/TPU	PA/TPU	PA/TPU
Contact material		CuSn	CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au	Ni/Au
Material of grip body		TPU	TPU	TPU

Cable data		PUR	PVC	Resistant to welding beads
Cable Jacket		PUR	PVC	Resistant to welding beads
Cable diameter		5.8mm	5.8mm	5.8mm
Wire cross section		0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure		18x0.1mm	18x0.1mm	18x0.1mm

Assembly instruction

A-coded



M12 Female Moulded, Straight, Shielded

Description: M12X1 straight socket, shielded, and free conductor end

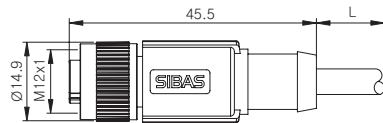
3poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 3poles	A	RPC-M12-FS-3CON-PUR-1.5SH	4106037015	RPC-M12-FS-3CON-PVC-1.5SH	4107037015
3.0m, 3poles	A	RPC-M12-FS-3CON-PUR-3.0SH	4106037030	RPC-M12-FS-3CON-PVC-3.0SH	4107037030
5.0m, 3poles	A	RPC-M12-FS-3CON-PUR-5.0SH	4106037050	RPC-M12-FS-3CON-PVC-5.0SH	4107037050
10m, 3poles	A	RPC-M12-FS-3CON-PUR-10.0SH	4106037100	RPC-M12-FS-3CON-PVC-10.0SH	4107037100
1.5m, 3poles	B	RPC-M12B-FS-3CON-PUR-1.5SH	4106032015	RPC-M12B-FS-3CON-PVC-1.5SH	4107032015
3.0m, 3poles	B	RPC-M12B-FS-3CON-PUR-3.0SH	4106032030	RPC-M12B-FS-3CON-PVC-3.0SH	4107032030
5.0m, 3poles	B	RPC-M12B-FS-3CON-PUR-5.0SH	4106032050	RPC-M12B-FS-3CON-PVC-5.0SH	4107032050
10m, 3poles	B	RPC-M12B-FS-3CON-PUR-10.0SH	4106032100	RPC-M12B-FS-3CON-PVC-10.0SH	4107032100
1.5m, 3poles	D	RPC-M12D-FS-3CON-PUR-1.5SH	4106033015	RPC-M12D-FS-3CON-PVC-1.5SH	4107033015
3.0m, 3poles	D	RPC-M12D-FS-3CON-PUR-3.0SH	4106033030	RPC-M12D-FS-3CON-PVC-3.0SH	4107033030
5.0m, 3poles	D	RPC-M12D-FS-3CON-PUR-5.0SH	4106033050	RPC-M12D-FS-3CON-PVC-5.0SH	4107033050
10m, 3poles	D	RPC-M12D-FS-3CON-PUR-10.0SH	4106033100	RPC-M12D-FS-3CON-PVC-10.0SH	4107033100

Technical data

	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C

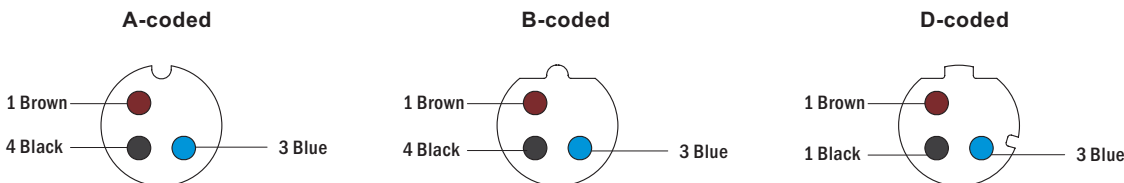
Connector data

Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

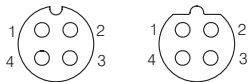
Assembly instruction



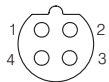
M12 Female Moulded, Straight, Shielded

Description:M12X1 straight socket, shielded, and free conductor end

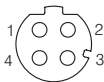
4poles



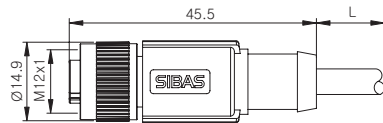
A-coded



B-coded



D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,4poles	A	RPC-M12-FS-4CON-PUR-1.5SH	4106047015	RPC-M12-FS-4CON-PVC-1.5SH	4107047015
3.0m,4poles	A	RPC-M12-FS-4CON-PUR-3.0SH	4106047030	RPC-M12-FS-4CON-PVC-3.0SH	4107047030
5.0m,4poles	A	RPC-M12-FS-4CON-PUR-5.0SH	4106047050	RPC-M12-FS-4CON-PVC-5.0SH	4107047050
10m,4poles	A	RPC-M12-FS-4CON-PUR-10.0SH	4106047100	RPC-M12-FS-4CON-PVC-10.0SH	4107047100
1.5m,4poles	B	RPC-M12B-FS-4CON-PUR-1.5SH	4106042015	RPC-M12B-FS-4CON-PVC-1.5SH	4107042015
3.0m,4poles	B	RPC-M12B-FS-4CON-PUR-3.0SH	4106042030	RPC-M12B-FS-4CON-PVC-3.0SH	4107042030
5.0m,4poles	B	RPC-M12B-FS-4CON-PUR-5.0SH	4106042050	RPC-M12B-FS-4CON-PVC-5.0SH	4107042050
10m,4poles	B	RPC-M12B-FS-4CON-PUR-10.0SH	4106042100	RPC-M12B-FS-4CON-PVC-10.0SH	4107042050
1.5m,4poles	D	RPC-M12D-FS-4CON-PUR-1.5SH	4106043015	RPC-M12D-FS-4CON-PVC-1.5SH	4107043015
3.0m,4poles	D	RPC-M12D-FS-4CON-PUR-3.0SH	4106043030	RPC-M12D-FS-4CON-PVC-3.0SH	4107043030
5.0m,4poles	D	RPC-M12D-FS-4CON-PUR-5.0SH	4106043050	RPC-M12D-FS-4CON-PVC-5.0SH	4107043050
10m,4poles	D	RPC-M12D-FS-4CON-PUR-10.0SH	4106043100	RPC-M12D-FS-4CON-PVC-10.0SH	4107043050

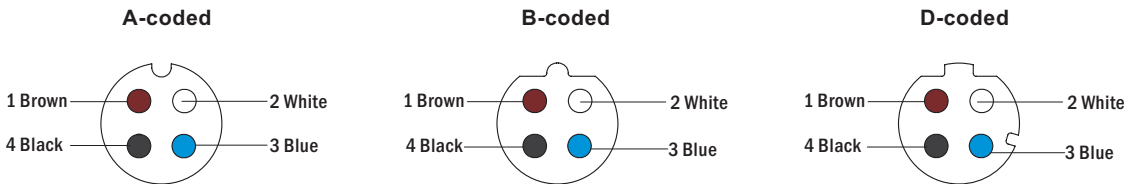
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C

Connector data		
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

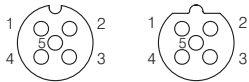
Assembly instruction



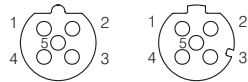
M12 Female Moulded, Straight, Shielded

Description:M12X1 straight socket, shielded, and free conductor end

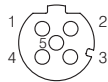
5poles



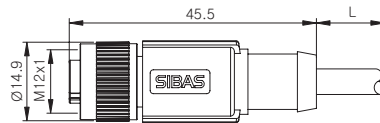
A-coded



B-coded



D-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-FS-5CON-PUR-1.5SH	4106057015	RPC-M12-FS-5CON-PVC-1.5SH	4107057015
3.0m,5poles	A	RPC-M12-FS-5CON-PUR-3.0SH	4106057030	RPC-M12-FS-5CON-PVC-3.0SH	4107057030
5.0m,5poles	A	RPC-M12-FS-5CON-PUR-5.0SH	4106057050	RPC-M12-FS-5CON-PVC-5.0SH	4107057050
10m,5poles	A	RPC-M12-FS-5CON-PUR-10.0SH	4106057100	RPC-M12-FS-5CON-PVC-10.0SH	4107057100
1.5m,5poles	B	RPC-M12B-FS-5CON-PUR-1.5SH	4106052015	RPC-M12B-FS-5CON-PVC-1.5SH	4107052015
3.0m,5poles	B	RPC-M12B-FS-5CON-PUR-3.0SH	4106052030	RPC-M12B-FS-5CON-PVC-3.0SH	4107052030
5.0m,5poles	B	RPC-M12B-FS-5CON-PUR-5.0SH	4106052050	RPC-M12B-FS-5CON-PVC-5.0SH	4107052050
10m,5poles	B	RPC-M12B-FS-5CON-PUR-10.0SH	4106052100	RPC-M12B-FS-5CON-PVC-10.0SH	4107052100
1.5m,5poles	D	RPC-M12D-FS-5CON-PUR-1.5SH	4106053015	RPC-M12D-FS-5CON-PVC-1.5SH	4107053015
3.0m,5poles	D	RPC-M12D-FS-5CON-PUR-3.0SH	4106053030	RPC-M12D-FS-5CON-PVC-3.0SH	4107053030
5.0m,5poles	D	RPC-M12D-FS-5CON-PUR-5.0SH	4106053050	RPC-M12D-FS-5CON-PVC-5.0SH	4107053050
10m,5poles	D	RPC-M12D-FS-5CON-PUR-10.0SH	4106053100	RPC-M12D-FS-5CON-PVC-10.0SH	4107053100

Technical data

	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-25°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C

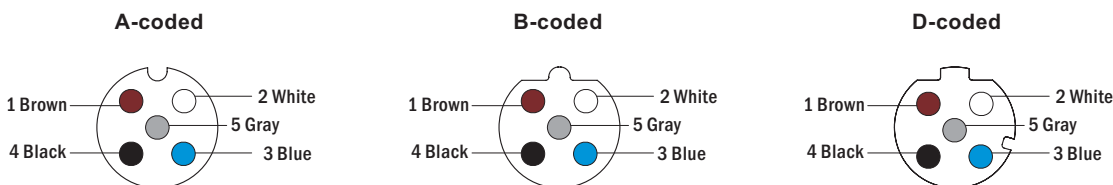
Connector data

Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

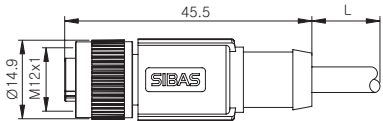
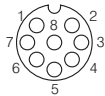
Assembly instruction



M12 Female Moulded, Straight, Shielded

Description:M12X1 straight socket, shielded, and free conductor end

8poles

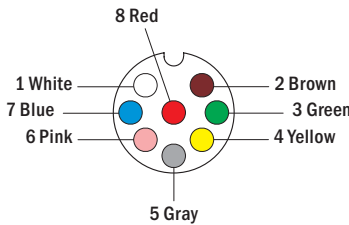


A-coded

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-FS-8CON-PUR-1.5SH	4106087015	RPC-M12-FS-8CON-PVC-1.5SH	4107087015
3.0m,8poles	A	RPC-M12-FS-8CON-PUR-3.0SH	4106087030	RPC-M12-FS-8CON-PVC-3.0SH	4107087030
5.0m,8poles	A	RPC-M12-FS-8CON-PUR-5.0SH	4106087050	RPC-M12-FS-8CON-PVC-5.0SH	4107087050
10m,8poles	A	RPC-M12-FS-8CON-PUR-10.0SH	4106087100	RPC-M12-FS-8CON-PVC-10.0SH	4107087100
Technical data		PUR Cable	PVC Cable		
Nominal current		2A	2A		
Rated voltage		30V	30V		
Contact resistance		≤5m Ω	≤5m Ω		
Pollution degree		3	3		
Degree of protection		IP65	IP65		
Ambient temperature					
Cable, fixed installation		-25°C. . . +80°C	-10°C. . . +70°C		
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C		
Ambient temperature socket		-25°C. . . +90°C	-25°C. . . +90°C		
Connector data					
Coding		A	A		
Insulating material		PA/TPU	PA/TPU		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Cable data					
Cable Jacket		PUR	PVC		
Cable diameter		5.8mm	5.8mm		
Wire cross section		0.25mm ²	0.25mm ²		
Conductor structure		32x0.1mm	32x0.1mm		

Assembly instruction

A-coded



M12 Female Moulded, Angled

Description: M12X1 angled socket, and free conductor end

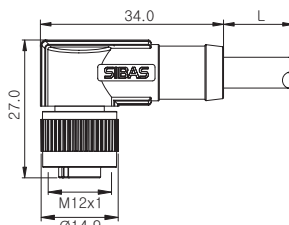
2poles



A-coded

B-coded

D-coded



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 2poles	A	RPC-M12-MR-2CON-PUR-1.5	4124027015	RPC-M12-FR-2CON-PVC-1.5	4125027015	RPC-M12-FR-2CON-OR-1.5	4123027015
3.0m, 2poles	A	RPC-M12-FR-2CON-PUR-3.0	4124027030	RPC-M12-FR-2CON-PVC-3.0	4125027030	RPC-M12-FR-2CON-OR-3.0	4123027030
5.0m, 2poles	A	RPC-M12-FR-2CON-PUR-5.0	4124027050	RPC-M12-FR-2CON-PVC-5.0	4125027050	RPC-M12-FR-2CON-OR-5.0	4123027050
10m, 2poles	A	RPC-M12-FR-2CON-PUR-10.0	4124027100	RPC-M12-FR-2CON-PVC-10.0	4125027100	RPC-M12-FR-2CON-OR-10.0	4123027100
1.5m, 2poles	B	RPC-M12B-FR-2CON-PUR-1.5	4124022015	RPC-M12B-FR-2CON-PVC-1.5	4125022015	RPC-M12B-FR-2CON-OR-1.5	4123022015
3.0m, 2poles	B	RPC-M12B-FR-2CON-PUR-3.0	4124022030	RPC-M12B-FR-2CON-PVC-3.0	4125022030	RPC-M12B-FR-2CON-OR-3.0	4123022030
5.0m, 2poles	B	RPC-M12B-FR-2CON-PUR-5.0	4124022050	RPC-M12B-FR-2CON-PVC-5.0	4125022050	RPC-M12B-FR-2CON-OR-5.0	4123022050
10m, 2poles	B	RPC-M12B-FR-2CON-PUR-10.0	4124022100	RPC-M12B-FR-2CON-PVC-10.0	4125022100	RPC-M12B-FR-2CON-OR-10.0	4123022100
1.5m, 2poles	D	RPC-M12D-FR-2CON-PUR-1.5	4124023015	RPC-M12D-FR-2CON-PVC-1.5	4125023015	RPC-M12D-FR-2CON-OR-1.5	4123023015
3.0m, 2poles	D	RPC-M12D-FR-2CON-PUR-3.0	4124023030	RPC-M12D-FR-2CON-PVC-3.0	4125023030	RPC-M12D-FR-2CON-OR-3.0	4123023030
5.0m, 2poles	D	RPC-M12D-FR-2CON-PUR-5.0	4124023050	RPC-M12D-FR-2CON-PVC-5.0	4125023050	RPC-M12D-FR-2CON-OR-5.0	4123023050
10m, 2poles	D	RPC-M12D-FR-2CON-PUR-10.0	4124023100	RPC-M12D-FR-2CON-PVC-10.0	4125023100	RPC-M12D-FR-2CON-OR-10.0	4123023100

M12 Series

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

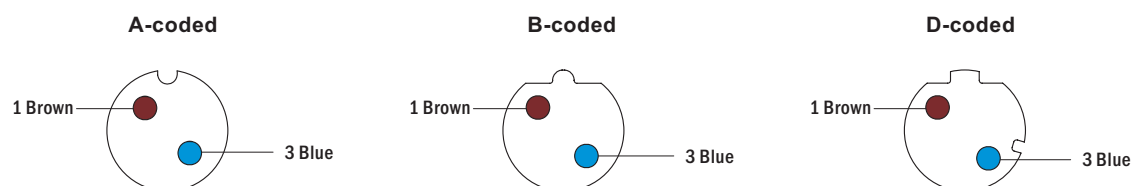
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

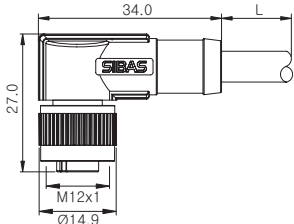
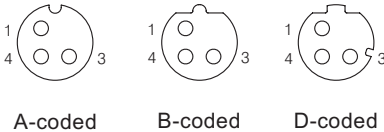
Assembly instruction



M12 Female Moulded, Angled

Description: M12X1 angled socket, and free conductor end

3poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-FR-3CON-PUR-1.5	4124037015	RPC-M12-FR-3CON-PVC-1.5	4125037015	RPC-M12-FR-3CON-OR-1.5	4123037015
3.0m,3poles	A	RPC-M12-FR-3CON-PUR-3.0	4124037030	RPC-M12-FR-3CON-PVC-3.0	4125037030	RPC-M12-FR-3CON-OR-3.0	4123037030
5.0m,3poles	A	RPC-M12-FR-3CON-PUR-5.0	4124037050	RPC-M12-FR-3CON-PVC-5.0	4125037050	RPC-M12-FR-3CON-OR-5.0	4123037050
10m,3poles	A	RPC-M12-FR-3CON-PUR-10.0	4124037100	RPC-M12-FR-3CON-PVC-10.0	4125037100	RPC-M12-FR-3CON-OR-10.0	4123037100
1.5m,3poles	B	RPC-M12B-FR-3CON-PUR-1.5	4124032015	RPC-M12B-FR-3CON-PVC-1.5	4125032015	RPC-M12B-FR-3CON-OR-1.5	4123032015
3.0m,3poles	B	RPC-M12B-FR-3CON-PUR-3.0	4124032030	RPC-M12B-FR-3CON-PVC-3.0	4125032030	RPC-M12B-FR-3CON-OR-3.0	4123032030
5.0m,3poles	B	RPC-M12B-FR-3CON-PUR-5.0	4124032050	RPC-M12B-FR-3CON-PVC-5.0	4125032050	RPC-M12B-FR-3CON-OR-5.0	4123032050
10m,3poles	B	RPC-M12B-FR-3CON-PUR-10.0	4124032100	RPC-M12B-FR-3CON-PVC-10.0	4125032100	RPC-M12B-FR-3CON-OR-10.0	4123032100
1.5m,3poles	D	RPC-M12D-FR-3CON-PUR-1.5	4124033015	RPC-M12D-FR-3CON-PVC-1.5	4125033015	RPC-M12D-FR-3CON-OR-1.5	4123033015
3.0m,3poles	D	RPC-M12D-FR-3CON-PUR-3.0	4124033030	RPC-M12D-FR-3CON-PVC-3.0	4125033030	RPC-M12D-FR-3CON-OR-3.0	4123033030
5.0m,3poles	D	RPC-M12D-FR-3CON-PUR-5.0	4124033050	RPC-M12D-FR-3CON-PVC-5.0	4125033050	RPC-M12D-FR-3CON-OR-5.0	4123033050
10m,3poles	D	RPC-M12D-FR-3CON-PUR-10.0	4124033100	RPC-M12D-FR-3CON-PVC-10.0	4125033100	RPC-M12D-FR-3CON-OR-10.0	4123033100

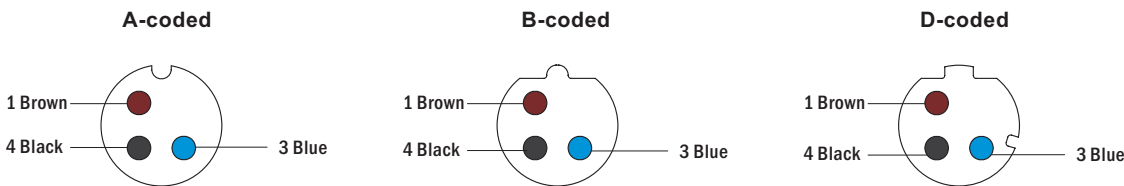
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

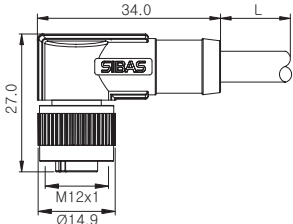
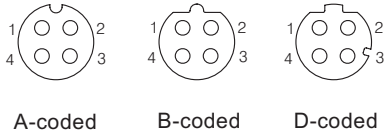
Assembly instruction



M12 Female Moulded, Angled

Description: M12X1 angled socket, and free conductor end

4poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,4poles	A	RPC-M12-FR-4CON-PUR-1.5	4124047015	RPC-M12-FR-4CON-PVC-1.5	4125047015	RPC-M12-FR-4CON-OR-1.5	4123047015
3.0m,4poles	A	RPC-M12-FR-4CON-PUR-3.0	4124047030	RPC-M12-FR-4CON-PVC-3.0	4125047030	RPC-M12-FR-4CON-OR-3.0	4123047030
5.0m,4poles	A	RPC-M12-FR-4CON-PUR-5.0	4124047050	RPC-M12-FR-4CON-PVC-5.0	4125047050	RPC-M12-FR-4CON-OR-5.0	4123047050
10m,4poles	A	RPC-M12-FR-4CON-PUR-10.0	4124047100	RPC-M12-FR-4CON-PVC-10.0	4125047100	RPC-M12-FR-4CON-OR-10.0	4123047100
1.5m,4poles	B	RPC-M12B-FR-4CON-PUR-1.5	4124042015	RPC-M12B-FR-4CON-PVC-1.5	4125042015	RPC-M12B-FR-4CON-OR-1.5	4123042015
3.0m,4poles	B	RPC-M12B-FR-4CON-PUR-3.0	4124042030	RPC-M12B-FR-4CON-PVC-3.0	4125042030	RPC-M12B-FR-4CON-OR-3.0	4123042030
5.0m,4poles	B	RPC-M12B-FR-4CON-PUR-5.0	4124042050	RPC-M12B-FR-4CON-PVC-5.0	4125042050	RPC-M12B-FR-4CON-OR-5.0	4123042050
10m,4poles	B	RPC-M12B-FR-4CON-PUR-10.0	4124042100	RPC-M12B-FR-4CON-PVC-10.0	4125042100	RPC-M12B-FR-4CON-OR-10.0	4123042100
1.5m,4poles	D	RPC-M12D-FR-4CON-PUR-1.5	4124043015	RPC-M12D-FR-4CON-PVC-1.5	4125043015	RPC-M12D-FR-4CON-OR-1.5	4123043015
3.0m,4poles	D	RPC-M12D-FR-4CON-PUR-3.0	4124043030	RPC-M12D-FR-4CON-PVC-3.0	4125043030	RPC-M12D-FR-4CON-OR-3.0	4123043030
5.0m,4poles	D	RPC-M12D-FR-4CON-PUR-5.0	4124043050	RPC-M12D-FR-4CON-PVC-5.0	4125043050	RPC-M12D-FR-4CON-OR-5.0	4123043050
10m,4poles	D	RPC-M12D-FR-4CON-PUR-10.0	4124043100	RPC-M12D-FR-4CON-PVC-10.0	4125043100	RPC-M12D-FR-4CON-OR-10.0	4123043100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature socket	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

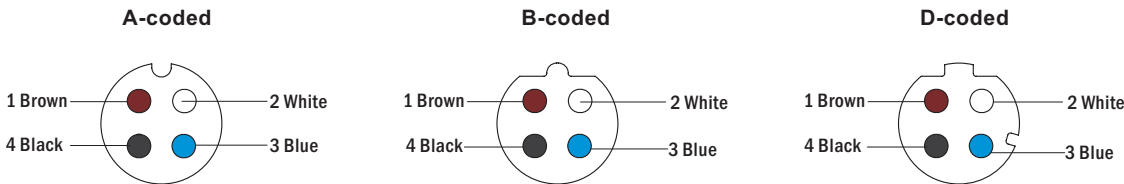
Connector data

Coding	A/B/D	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

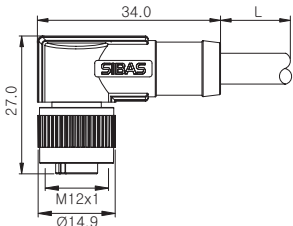
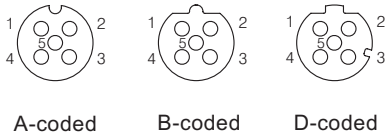
Assembly instruction



M12 Female Moulded, Angled

Description:M12X1 angled socket, and free conductor end

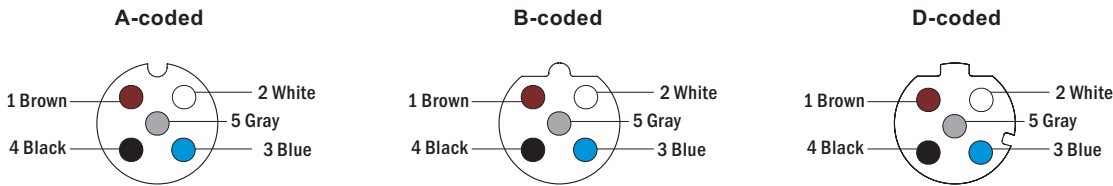
5poles



Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-FR-5CON-PUR-1.5	4124057015	RPC-M12-FR-5CON-PVC-1.5	4125057015	RPC-M12-FR-5CON-OR-1.5	4123057015
3.0m,5poles	A	RPC-M12-FR-5CON-PUR-3.0	4124057030	RPC-M12-FR-5CON-PVC-3.0	4125057030	RPC-M12-FR-5CON-OR-3.0	4123057030
5.0m,5poles	A	RPC-M12-FR-5CON-PUR-5.0	4124057050	RPC-M12-FR-5CON-PVC-5.0	4125057050	RPC-M12-FR-5CON-OR-5.0	4123057050
10m,5poles	A	RPC-M12-FR-5CON-PUR-10.0	4124057100	RPC-M12-FR-5CON-PVC-10.0	4125057100	RPC-M12-FR-5CON-OR-10.0	4123057100
1.5m,5poles	B	RPC-M12B-FR-5CON-PUR-1.5	4124052015	RPC-M12B-FR-5CON-PVC-1.5	4125052015	RPC-M12B-FR-5CON-OR-1.5	4123052015
3.0m,5poles	B	RPC-M12B-FR-5CON-PUR-3.0	4124052030	RPC-M12B-FR-5CON-PVC-3.0	4125052030	RPC-M12B-FR-5CON-OR-3.0	4123052030
5.0m,5poles	B	RPC-M12B-FR-5CON-PUR-5.0	4124052050	RPC-M12B-FR-5CON-PVC-5.0	4125052050	RPC-M12B-FR-5CON-OR-5.0	4123052050
10m,5poles	B	RPC-M12B-FR-5CON-PUR-10.0	4124052100	RPC-M12B-FR-5CON-PVC-10.0	4125052100	RPC-M12B-FR-5CON-OR-10.0	4123052100
1.5m,5poles	D	RPC-M12D-FR-5CON-PUR-1.5	4124053015	RPC-M12D-FR-5CON-PVC-1.5	4125053015	RPC-M12D-FR-5CON-OR-1.5	4123053015
3.0m,5poles	D	RPC-M12D-FR-5CON-PUR-3.0	4124053030	RPC-M12D-FR-5CON-PVC-3.0	4125053030	RPC-M12D-FR-5CON-OR-3.0	4123053030
5.0m,5poles	D	RPC-M12D-FR-5CON-PUR-5.0	4124053050	RPC-M12D-FR-5CON-PVC-5.0	4125053050	RPC-M12D-FR-5CON-OR-5.0	4123053050
10m,5poles	D	RPC-M12D-FR-5CON-PUR-10.0	4124053100	RPC-M12D-FR-5CON-PVC-10.0	4125053100	RPC-M12D-FR-5CON-OR-10.0	4123053100

Technical data		PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current		4A	4A	4A
Rated voltage		60V	60V	60V
Contact resistance		≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree		3	3	3
Degree of protection		IP67	IP67	IP67
Ambient temperature				
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature socket		-25°C...+90°C	-25°C...+90°C	-25°C...+90°C
Connector data				
Coding		A/B/D	A/B/D	A/B/D
Insulating material		PA/TPU	PA/TPU	PA/TPU
Contact material		CuSn	CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au	Ni/Au
Material of grip body		TPU	TPU	TPU
Cable data				
Cable Jacket		PUR	PVC	Resistant to welding beads
Cable diameter		5.2mm	5.0mm	5.2mm
Wire cross section		0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure		42x0.1mm	42x0.1mm	42x0.1mm

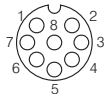
Assembly instruction



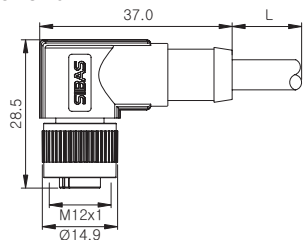
M12 Female Moulded, Angled

Description:M12X1 angled socket, and free conductor end

8poles



A-coded



M12 Series

Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-FR-8CON-PUR-1.5	4124087015	RPC-M12-FR-8CON-PVC-1.5	4125087015	RPC-M12-FR-8CON-OR-1.5	4123087015
3.0m,8poles	A	RPC-M12-FR-8CON-PUR-3.0	4124087030	RPC-M12-FR-8CON-PVC-3.0	4125087030	RPC-M12-FR-8CON-OR-3.0	4123087030
5.0m,8poles	A	RPC-M12-FR-8CON-PUR-5.0	4124087050	RPC-M12-FR-8CON-PVC-5.0	4125087050	RPC-M12-FR-8CON-OR-5.0	4123087050
10m,8poles	A	RPC-M12-FR-8CON-PUR-10.0	4124087100	RPC-M12-FR-8CON-PVC-10.0	4125087100	RPC-M12-FR-8CON-OR-10.0	4123087100

Technical data

	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	2A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data

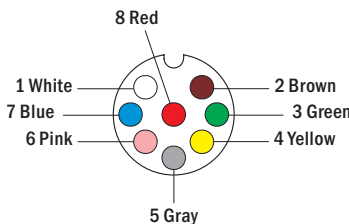
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

Assembly instruction

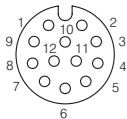
A-coded



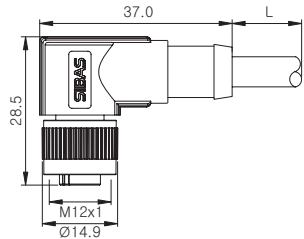
M12 Female Moulded, Angled

Description:M12X1 angled socket, and free conductor end

12poles



A-coded

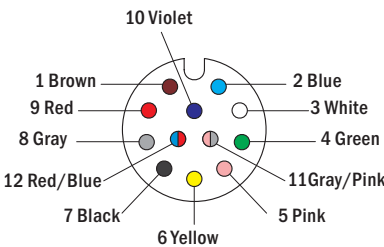


Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,12poles	A	RPC-M12-FR-12CON-PUR-1.5	4124127015	RPC-M12-FR-12CON-PVC-1.5	4125127015	RPC-M12-FR-12CON-OR-1.5	4123127015
3.0m,12poles	A	RPC-M12-FR-12CON-PUR-3.0	4124127030	RPC-M12-FR-12CON-PVC-3.0	4125127030	RPC-M12-FR-12CON-OR-3.0	4123127030
5.0m,12poles	A	RPC-M12-FR-12CON-PUR-5.0	4124127050	RPC-M12-FR-12CON-PVC-5.0	4125127050	RPC-M12-FR-12CON-OR-5.0	4123127050
10m,12poles	A	RPC-M12-FR-12CON-PUR-10.0	4124127100	RPC-M12-FR-12CON-PVC-10.0	4125127100	RPC-M12-FR-12CON-OR-10.0	4123127100

Technical data		PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current		1.5A	1.5A	1.5A
Rated voltage		30V	30V	30V
Contact resistance		≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree		3	3	3
Degree of protection		IP67	IP67	IP67
Ambient temperature				
Cable, fixed installation		-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket		-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C
Connector data				
Coding		A	A	A
Insulating material		PA/TPU	PA/TPU	PA/TPU
Contact material		CuSn	CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au	Ni/Au
Material of grip body		TPU	TPU	TPU
Cable data				
Cable Jacket		PUR	PVC	Resistant to welding beads
Cable diameter		5.8mm	5.8mm	5.8mm
Wire cross section		0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure		18x0.1mm	18x0.1mm	18x0.1mm

Assembly instruction

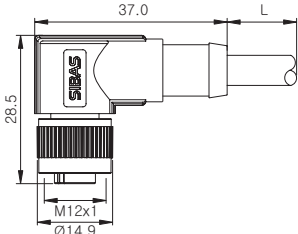
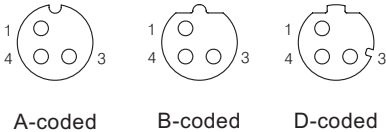
A-coded



M12 Female Moulded, Angled, Shielded

Description:M12X1 angled socket, shielded, and free conductor end

3poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-FR-3CON-PUR-1.5SH	4126037015	RPC-M12-FR-3CON-PVC-1.5SH	4127037015
3.0m,3poles	A	RPC-M12-FR-3CON-PUR-3.0SH	4126037030	RPC-M12-FR-3CON-PVC-3.0SH	4127037030
5.0m,3poles	A	RPC-M12-FR-3CON-PUR-5.0SH	4126037050	RPC-M12-FR-3CON-PVC-5.0SH	4127037050
10m,3poles	A	RPC-M12-FR-3CON-PUR-10.0SH	4126037100	RPC-M12-FR-3CON-PVC-10.0SH	4127037100
1.5m,3poles	B	RPC-M12B-FR-3CON-PUR-1.5SH	4126032015	RPC-M12B-FR-3CON-PVC-1.5SH	4127032015
3.0m,3poles	B	RPC-M12B-FR-3CON-PUR-3.0SH	4126032030	RPC-M12B-FR-3CON-PVC-3.0SH	4127032030
5.0m,3poles	B	RPC-M12B-FR-3CON-PUR-5.0SH	4126032050	RPC-M12B-FR-3CON-PVC-5.0SH	4127032050
10m,3poles	B	RPC-M12B-FR-3CON-PUR-10.0SH	4126032100	RPC-M12B-FR-3CON-PVC-10.0SH	4127032100
1.5m,3poles	D	RPC-M12D-FR-3CON-PUR-1.5SH	4126033015	RPC-M12D-FR-3CON-PVC-1.5SH	4127033015
3.0m,3poles	D	RPC-M12D-FR-3CON-PUR-3.0SH	4126033030	RPC-M12D-FR-3CON-PVC-3.0SH	4127033030
5.0m,3poles	D	RPC-M12D-FR-3CON-PUR-5.0SH	4126033050	RPC-M12D-FR-3CON-PVC-5.0SH	4127033050
10m,3poles	D	RPC-M12D-FR-3CON-PUR-10.0SH	4126033100	RPC-M12D-FR-3CON-PVC-10.0SH	4127033100

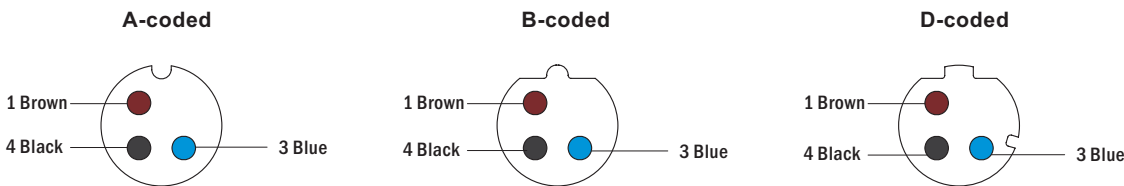
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

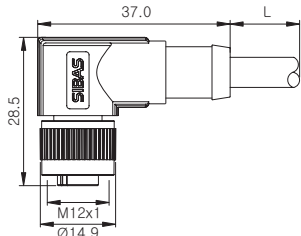
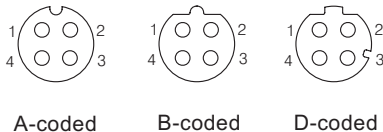
Assembly instruction



M12 Female Moulded, Angled, Shielded

Description:M12X1 angled socket, shielded, and free conductor end

4poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,4poles	A	RPC-M12-FR-4CON-PUR-1.5SH	4126047015	RPC-M12-FR-4CON-PVC-1.5SH	4127047015
3.0m,4poles	A	RPC-M12-FR-4CON-PUR-3.0SH	4126047030	RPC-M12-FR-4CON-PVC-3.0SH	4127047030
5.0m,4poles	A	RPC-M12-FR-4CON-PUR-5.0SH	4126047050	RPC-M12-FR-4CON-PVC-5.0SH	4127047050
10m,4poles	A	RPC-M12-FR-4CON-PUR-10.0SH	4126047100	RPC-M12-FR-4CON-PVC-10.0SH	4127047100
1.5m,4poles	B	RPC-M12B-FR-4CON-PUR-1.5SH	4126042015	RPC-M12B-FR-4CON-PVC-1.5SH	4127042015
3.0m,4poles	B	RPC-M12B-FR-4CON-PUR-3.0SH	4126042030	RPC-M12B-FR-4CON-PVC-3.0SH	4127042030
5.0m,4poles	B	RPC-M12B-FR-4CON-PUR-5.0SH	4126042050	RPC-M12B-FR-4CON-PVC-5.0SH	4127042050
10m,4poles	B	RPC-M12B-FR-4CON-PUR-10.0SH	4126042100	RPC-M12B-FR-4CON-PVC-10.0SH	4127042100
1.5m,4poles	D	RPC-M12D-FR-4CON-PUR-1.5SH	4126043015	RPC-M12D-FR-4CON-PVC-1.5SH	4127043015
3.0m,4poles	D	RPC-M12D-FR-4CON-PUR-3.0SH	4126043030	RPC-M12D-FR-4CON-PVC-3.0SH	4127043030
5.0m,4poles	D	RPC-M12D-FR-4CON-PUR-5.0SH	4126043050	RPC-M12D-FR-4CON-PVC-5.0SH	4127043050
10m,4poles	D	RPC-M12D-FR-4CON-PUR-10.0SH	4126043100	RPC-M12D-FR-4CON-PVC-10.0SH	4127043100

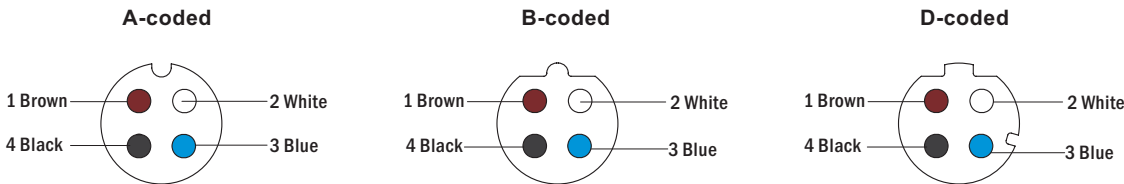
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-25°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature socket	-25°C...+90°C	-25°C...+90°C

Connector data		
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data		
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

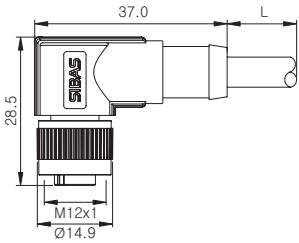
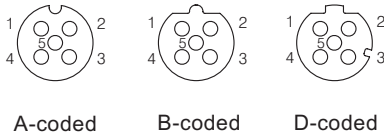
Assembly instruction



M12 Female Moulded, Angled, Shielded

Description:M12X1 angled socket, shielded, and free conductor end

5poles



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-FR-5CON-PUR-1.5SH	4126057015	RPC-M12-FR-5CON-PVC-1.5SH	4127057015
3.0m,5poles	A	RPC-M12-FR-5CON-PUR-3.0SH	4126057030	RPC-M12-FR-5CON-PVC-3.0SH	4127057030
5.0m,5poles	A	RPC-M12-FR-5CON-PUR-5.0SH	4126057050	RPC-M12-FR-5CON-PVC-5.0SH	4127057050
10m,5poles	A	RPC-M12-FR-5CON-PUR-10.0SH	4126057100	RPC-M12-FR-5CON-PVC-10.0SH	4127057100
1.5m,5poles	B	RPC-M12B-FR-5CON-PUR-1.5SH	4126052015	RPC-M12B-FR-5CON-PVC-1.5SH	4127052015
3.0m,5poles	B	RPC-M12B-FR-5CON-PUR-3.0SH	4126052030	RPC-M12B-FR-5CON-PVC-3.0SH	4127052030
5.0m,5poles	B	RPC-M12B-FR-5CON-PUR-5.0SH	4126052050	RPC-M12B-FR-5CON-PVC-5.0SH	4127052050
10m,5poles	B	RPC-M12B-FR-5CON-PUR-10.0SH	4126052100	RPC-M12B-FR-5CON-PVC-10.0SH	4127052100
1.5m,5poles	D	RPC-M12D-FR-5CON-PUR-1.5SH	4126053015	RPC-M12D-FR-5CON-PVC-1.5SH	4127053015
3.0m,5poles	D	RPC-M12D-FR-5CON-PUR-3.0SH	4126053030	RPC-M12D-FR-5CON-PVC-3.0SH	4127053030
5.0m,5poles	D	RPC-M12D-FR-5CON-PUR-5.0SH	4126053050	RPC-M12D-FR-5CON-PVC-5.0SH	4127053050
10m,5poles	D	RPC-M12D-FR-5CON-PUR-10.0SH	4126053100	RPC-M12D-FR-5CON-PVC-10.0SH	4127053100

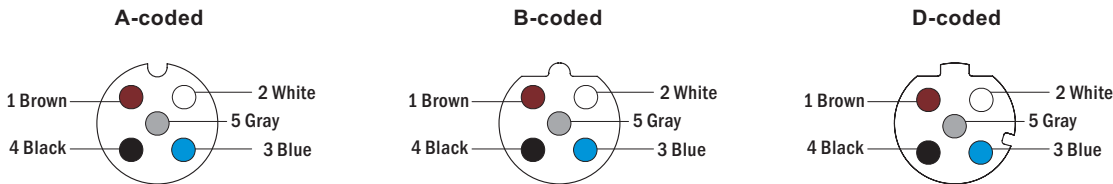
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-25°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature socket	-25°C... +90°C	-25°C... +90°C

Connector data	PUR Cable	PVC Cable
Coding	A/B/D	A/B/D
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

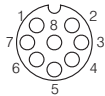
Assembly instruction



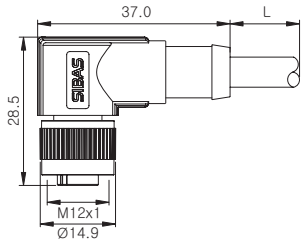
M12 Female Moulded, Angled, Shielded

Description:M12X1 angled socket, shielded, and free conductor end

8poles



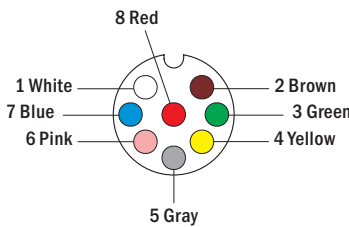
A-coded



Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-FR-8CON-PUR-1.5SH	4126087015	RPC-M12-FR-8CON-PVC-1.5SH	4127087015
3.0m,8poles	A	RPC-M12-FR-8CON-PUR-3.0SH	4126087030	RPC-M12-FR-8CON-PVC-3.0SH	4127087030
5.0m,8poles	A	RPC-M12-FR-8CON-PUR-5.0SH	4126087050	RPC-M12-FR-8CON-PVC-5.0SH	4127087050
10m,8poles	A	RPC-M12-FR-8CON-PUR-10.0SH	4126087100	RPC-M12-FR-8CON-PVC-10.0SH	4127087100
Technical data		PUR Cable	PVC Cable		
Nominal current		2A	2A		
Rated voltage		30V	30V		
Contact resistance		≤5m Ω	≤5m Ω		
Pollution degree		3	3		
Degree of protection		IP65	IP65		
Ambient temperature					
Cable, fixed installation		-25°C. . . +80°C	-10°C. . . +70°C		
Cable, flexible installation		-5°C. . . +80°C	-5°C. . . +70°C		
Ambient temperature socket		-25°C. . . +90°C	-25°C. . . +90°C		
Connector data					
Coding		A	A		
Insulating material		PA/TPU	PA/TPU		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Cable data					
Cable Jacket		PUR	PVC		
Cable diameter		5.8mm	5.8mm		
Wire cross section		0.25mm²	0.25mm²		
Conductor structure		32x0.1mm	32x0.1mm		

Assembly instruction

A-coded



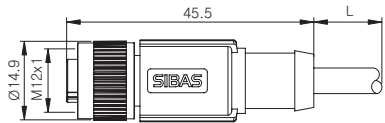
M12 Female Moulded, Straight, With 2 LEDs

Description:M12X1 straight socket, with 2 LEDs, and free conductor end

3poles



A-coded



M12 Series

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	RPC-M12-FS-3CON-PUR-1.5L2	4104034015	RPC-M12-FS-3CON-PVC-1.5L2	4105034015	RPC-M12-FS-3CON-OR-1.5L2	4103034015
3.0m,3poles	RPC-M12-FS-3CON-PUR-3.0L2	4104034030	RPC-M12-FS-3CON-PVC-3.0L2	4105034030	RPC-M12-FS-3CON-OR-3.0L2	4103034030
5.0m,3poles	RPC-M12-FS-3CON-PUR-5.0L2	4104034050	RPC-M12-FS-3CON-PVC-5.0L2	4105034050	RPC-M12-FS-3CON-OR-5.0L2	4103034050
10m,3poles	RPC-M12-FS-3CON-PUR-10.0L2	4104034100	RPC-M12-FS-3CON-PVC-10.0L2	4105034100	RPC-M12-FS-3CON-OR-10.0L2	4103034100

Technical data

	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

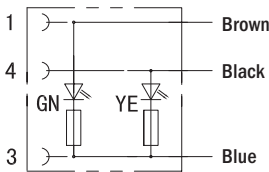
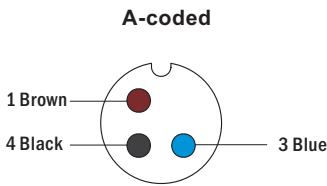
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction

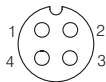


M12 Sockets with 2LEDs for PNP sensors

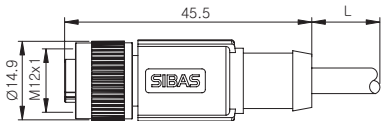
M12 Female Moulded, Straight, With 3 LEDs

Description:M12X1 straight socket, with 3 LEDs, and free conductor end

4poles



A-coded



Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	OrderNo.	Type	OrderNo.	Type	OrderNo.
1.5m,3poles	RPC-M12-FS-4CON-PUR-1.5L3	4104045015	RPC-M12-FS-4CON-PVC-1.5L3	4105045015	RPC-M12-FS-4CON-OR-1.5L3	4103045015
3.0m,3poles	RPC-M12-FS-4CON-PUR-3.0L3	4104045030	RPC-M12-FS-4CON-PVC-3.0L3	4105045030	RPC-M12-FS-4CON-OR-3.0L3	4103045030
5.0m,3poles	RPC-M12-FS-4CON-PUR-5.0L3	4104045050	RPC-M12-FS-4CON-PVC-5.0L3	4105045050	RPC-M12-FS-4CON-OR-5.0L3	4103045050
10m,3poles	RPC-M12-FS-4CON-PUR-10.0L3	4104045100	RPC-M12-FS-4CON-PVC-10.0L3	4105045100	RPC-M12-FS-4CON-OR-10.0L3	4103045100

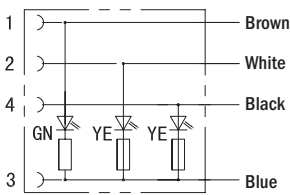
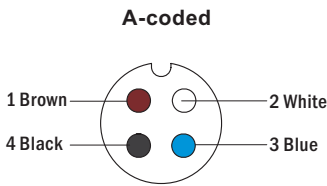
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR	PVC	Resistant to welding beads
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.0mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction



M12 Sockets with 3LEDs for PNP sensors

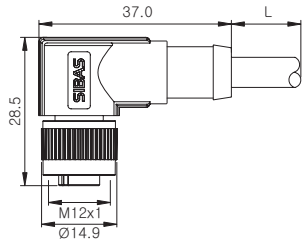
M12 Female Moulded, Angled, With 2 LEDS

Description:M12X1 angled socket, with 2 LEDS, and free conductor end

3poles



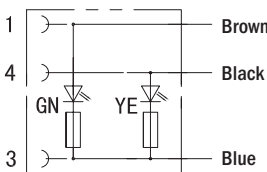
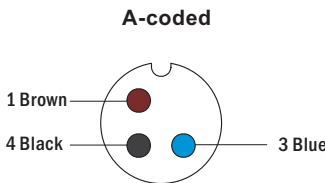
A-coded



Description	PUR Cable		PVC Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	RPC-M12-FR-3CON-PUR-1.5L2	4124034015	RPC-M12-FR-3CON-PVC-1.5L2	4125034015	RPC-M12-FR-3CON-OR-1.5L2	4123034015
3.0m,3poles	RPC-M12-FR-3CON-PUR-3.0L2	4124034030	RPC-M12-FR-3CON-PVC-3.0L2	4125034030	RPC-M12-FR-3CON-OR-3.0L2	4123034030
5.0m,3poles	RPC-M12-FR-3CON-PUR-5.0L2	4124034050	RPC-M12-FR-3CON-PVC-5.0L2	4125034050	RPC-M12-FR-3CON-OR-5.0L2	4123034050
10m,3poles	RPC-M12-FR-3CON-PUR-10.0L2	4124034100	RPC-M12-FR-3CON-PVC-10.0L2	4125034100	RPC-M12-FR-3CON-OR-10.0L2	4123034100

Technical data		PUR Cable	PVC Cable	Resistant to welding beads cable
	Nominal current	4A	4A	4A
	Rated voltage	24V	24V	24V
	Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
	Pollution degree	3	3	3
	Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67
Ambient temperature				
	Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
	Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
	Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C
Connector data				
	Coding	A	A	A
	Insulating material	PA/TPU	PA/TPU	PA/TPU
	Contact material	CuSn	CuSn	CuSn
	Contact surface material	Ni/Au	Ni/Au	Ni/Au
	Material of grip body	TPU	TPU	TPU
Cable data				
	Cable Jacket	PUR	PVC	Resistant to welding beads
	Cable diameter	5.2mm	5.0mm	5.2mm
	Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
	Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction

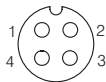


M12 Sockets with 2LEDS for PNP sensors

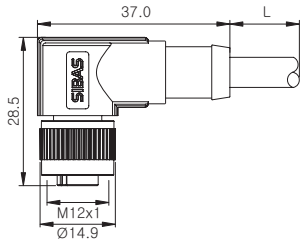
M12 Female Moulded, Angled, With 3 LEDs

Description:M12X1 angled socket, with 3 LEDs, and free conductor end

4poles



A-coded



Description	PUR Cable		PVC Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,3poles	RPC-M12-FR-4CON-PUR-1.5L3	4124045015	RPC-M12-FR-4CON-PVC-1.5L3	4125045015	RPC-M12-FR-3CON-OR-1.5L3	4123045015
3.0m,3poles	RPC-M12-FR-4CON-PUR-3.0L3	4124045030	RPC-M12-FR-4CON-PVC-3.0L3	4125045030	RPC-M12-FR-3CON-OR-3.0L3	4123045030
5.0m,3poles	RPC-M12-FR-4CON-PUR-5.0L3	4124045050	RPC-M12-FR-4CON-PVC-5.0L3	4125045050	RPC-M12-FR-3CON-OR-5.0L3	4123045050
10m,3poles	RPC-M12-FR-4CON-PUR-10.0L3	4124045100	RPC-M12-FR-4CON-PVC-10.0L3	4125045100	RPC-M12-FR-3CON-OR-10.0L3	4123045100

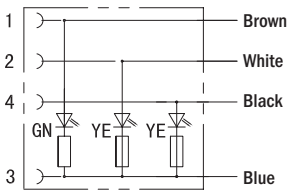
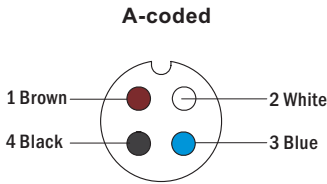
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

Ambient temperature			
Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data			
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	5.0mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

Assembly instruction

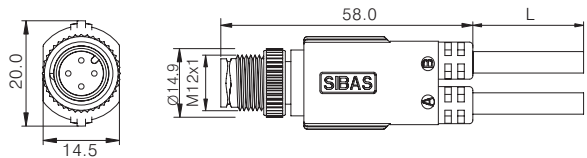


M12 Sockets with 3LEDs for PNP sensors

M12 Male Moulded, Stright, Y connector

Description:M12X1 straight pulg, Y connector, and free conductor end

4poles



Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,4poles	RPC-M12Y-MS-4CON-PUR-1.5	4194046015	RPC-M12Y-MS-4CON-PVC-1.5	4195046015	RPC-M12Y-MS-4CON-OR-1.5	4193046015
3.0m,4poles	RPC-M12Y-MS-4CON-PUR-3.0	4194046030	RPC-M12Y-MS-4CON-PVC-3.0	4195046030	RPC-M12Y-MS-4CON-OR-3.0	4193046030
5.0m,4poles	RPC-M12Y-MS-4CON-PUR-5.0	4194046050	RPC-M12Y-MS-4CON-PVC-5.0	4195046050	RPC-M12Y-MS-4CON-OR-5.0	4193046050
10m,4poles	RPC-M12Y-MS-4CON-PUR-10.0	4194046100	RPC-M12Y-MS-4CON-PVC-10.0	4195046100	RPC-M12Y-MS-4CON-OR-10.0	4193046100

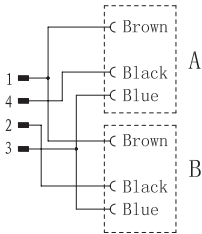
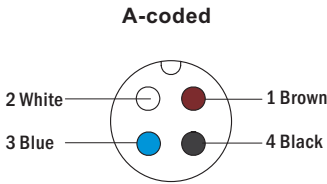
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR	PVC	Resistant to welding beads
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

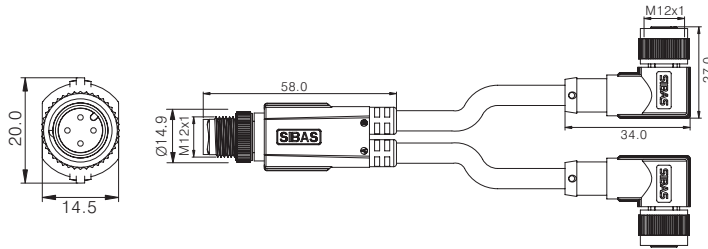
Assembly instruction



M12 Male Y connector on M12 Female straight, Moulded

Description: M12 Y connector straight pulg on Angled M12 socket

4poles



Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 4poles	RPC-M12Y2-4MS-1.5-2M12-3FR-PUR	4184049015	RPC-M12Y2-4MS-1.5-2M12-3FR-PVC	4185049015	RPC-M12Y2-4MS-1.5-2M12-3FR-OR	4183049015
3.0m, 4poles	RPC-M12Y2-4MS-3.0-2M12-3FR-PUR	4184049030	RPC-M12Y2-4MS-3.0-2M12-3FR-PVC	4185049030	RPC-M12Y2-4MS-3.0-2M12-3FR-OR	4183049030
5.0m, 4poles	RPC-M12Y2-4MS-5.0-2M12-3FR-PUR	4184049050	RPC-M12Y2-4MS-5.0-2M12-3FR-PVC	4185049050	RPC-M12Y2-4MS-5.0-2M12-3FR-OR	4183049050
10m, 4poles	RPC-M12Y2-4MS-10-2M12-3FR-PUR	4184049100	RPC-M12Y2-4MS-10-2M12-3FR-PVC	4185049100	RPC-M12Y2-4MS-10-2M12-3FR-OR	4183049100
1.5m, 4poles	RPC-M12Y3-4MS-1.5-2M12-3FR-PUR	4184043015	RPC-M12Y3-4MS-1.5-2M12-3FR-PVC	4185043015	RPC-M12Y3-4MS-1.5-2M12-3FR-OR	4183043015
3.0m, 4poles	RPC-M12Y3-4MS-3.0-2M12-3FR-PUR	4184043030	RPC-M12Y3-4MS-3.0-2M12-3FR-PVC	4185043030	RPC-M12Y3-4MS-3.0-2M12-3FR-OR	4183043030
5.0m, 4poles	RPC-M12Y3-4MS-5.0-2M12-3FR-PUR	4184043050	RPC-M12Y3-4MS-5.0-2M12-3FR-PVC	4185043050	RPC-M12Y3-4MS-5.0-2M12-3FR-OR	4183043050
10m, 4poles	RPC-M12Y3-4MS-10-2M12-3FR-PUR	4184043100	RPC-M12Y3-4MS-10-2M12-3FR-PVC	4185043100	RPC-M12Y3-4MS-10-2M12-3FR-OR	4183043100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

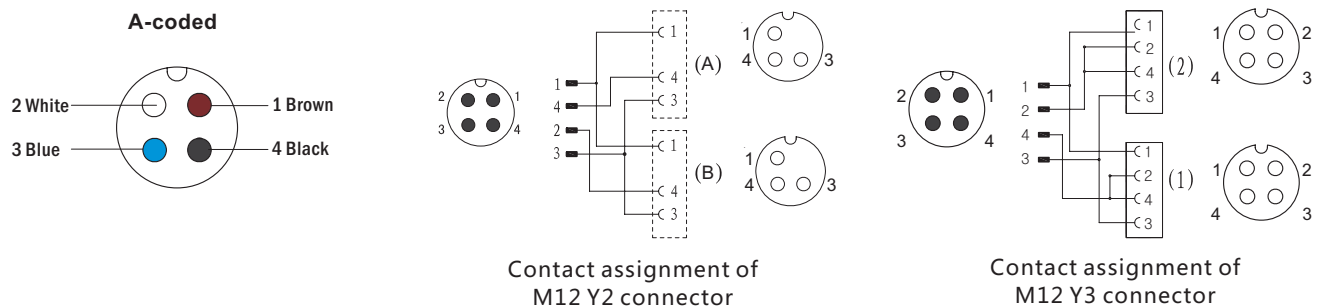
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

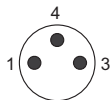
Assembly instruction



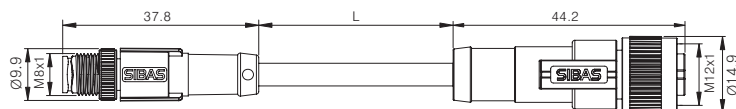
M8 Male straight on M12 female straight ,Moulded

Description: Straight M8 pulg on straight M12 socket

3poles



M8 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 3poles	RPC-M8-3MS-1.5-M12-3FS-PUR	4064036015	RPC-M8-3MS-1.5-M12-3FS-PVC	4065036015	RPC-M8-3MS-1.5-M12-3FS-OR	4063036015
3.0m, 3poles	RPC-M8-3MS-3.0-M12-3FS-PUR	4064036030	RPC-M8-3MS-3.0-M12-3FS-PVC	4065036030	RPC-M8-3MS-3.0-M12-3FS-OR	4063036030
5.0m, 3poles	RPC-M8-3MS-5.0-M12-3FS-PUR	4064036050	RPC-M8-3MS-5.0-M12-3FS-PVC	4065036050	RPC-M8-3MS-5.0-M12-3FS-OR	4063036050
10m, 3poles	RPC-M8-3MS-10.0-M12-3FS-PUR	4064036100	RPC-M8-3MS-10.0-M12-3FS-PVC	4065036100	RPC-M8-3MS-10.0-M12-3FS-OR	4063036100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A	3A	3A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

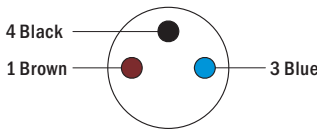
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

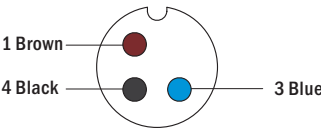
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

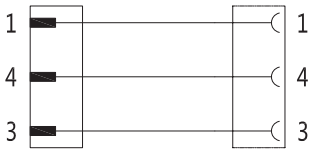
Assembly instruction



M8 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)



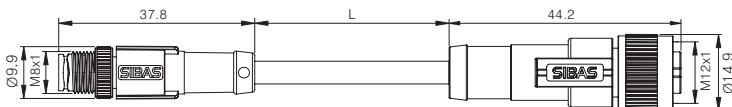
M8 Male straight on M12 female straight ,Moulded

Description: Straight M8 pulg on straight M12 socket

4poles



M8 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Order No.	Type
1.5m, 4poles	RPC-M8-4MS-1.5-M12-4FS-PUR	4064046015	RPC-M8-4MS-1.5-M12-4FS-PVC
3.0m, 4poles	RPC-M8-4MS-3.0-M12-4FS-PUR	4064046030	RPC-M8-4MS-3.0-M12-4FS-PVC
5.0m, 4poles	RPC-M8-4MS-5.0-M12-4FS-PUR	4064046050	RPC-M8-4MS-5.0-M12-4FS-PVC
10m, 4poles	RPC-M8-4MS-10.0-M12-4FS-PUR	4064046100	RPC-M8-4MS-10.0-M12-4FS-PVC

Technical data

	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A	3A	3A
Rated voltage	30V	30V	30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

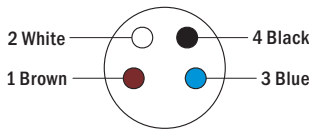
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

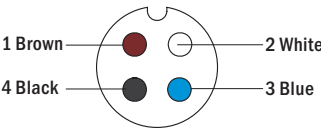
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.0mm	4.5mm	5.0mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

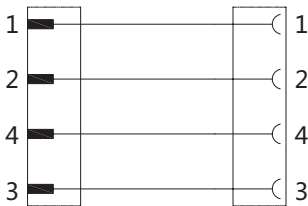
Assembly instruction



M8 Male, 4-pole
(A-coded)



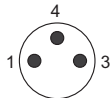
M12 Female, 4-pole
(A-coded)



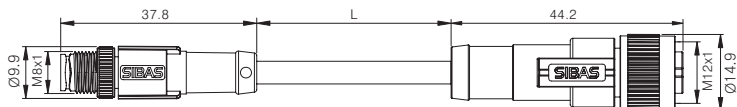
M8 Male straight on M12 female straight ,Moulded,Shielded

Description: Straight M8 plug on straight M12 socket

3poles



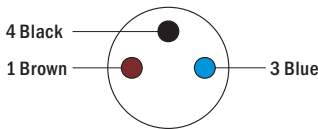
M8 Male,3-pole
(A-coded)



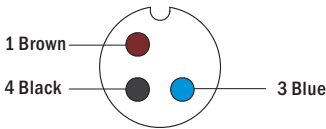
M12 Female,3-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M8-3MS-1.5SH-M12-3FS-PUR	4066036015	RPC-M8-3MS-1.5SH-M12-3FS-PVC	4067036015
3.0m,3poles	A	RPC-M8-3MS-3.0SH-M12-3FS-PUR	4066036030	RPC-M8-3MS-3.0SH-M12-3FS-PVC	4067036030
5.0m,3poles	A	RPC-M8-3MS-5.0SH-M12-3FS-PUR	4066036050	RPC-M8-3MS-5.0SH-M12-3FS-PVC	4067036050
10m,3poles	A	RPC-M8-3MS-10.0SH-M12-3FS-PUR	4066036100	RPC-M8-3MS-10.0SH-M12-3FS-PVC	4067036100
Technical data		PUR Cable	PVC Cable		
Nominal current		3A	3A		
Rated voltage		60V	60V		
Contact resistance		≤5m Ω	≤5m Ω		
Pollution degree		3	3		
Degree of protection		IP65	IP65		
Ambient temperature					
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C		
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C		
Ambient temperature		-25°C...+90°C	-25°C...+90°C		
Connector data					
Coding		A	A		
Insulating material		PA/TPU	PA/TPU		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Cable data					
Cable Jacket		PUR	PVC		
Cable diameter		5.2mm	5.2mm		
Wire cross section		0.25mm ²	0.25mm ²		
Conductor structure		32x0.1mm	32x0.1mm		

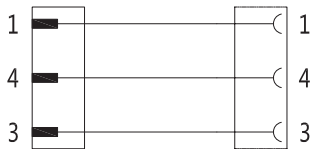
Assembly instruction



M8 Male,3-pole
(A-coded)



M12 Female,3-pole
(A-coded)



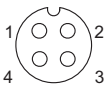
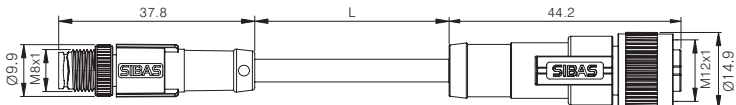
M8 Male straight on M12 female straight ,Moulded,Shielded

Description: Straight M8 plug on straight M12 socket

4poles



M8 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M8-4MS-1.5SH-M12-4FS-PUR	4066046015	RPC-M8-4MS-1.5SH-M12-4FS-PVC	4067046015
3.0m, 4poles	A	RPC-M8-4MS-3.0SH-M12-4FS-PUR	4066046030	RPC-M8-4MS-3.0SH-M12-4FS-PVC	4067046030
5.0m, 4poles	A	RPC-M8-4MS-5.0SH-M12-4FS-PUR	4066046050	RPC-M8-4MS-5.0SH-M12-4FS-PVC	4067046050
10m, 4poles	A	RPC-M8-4MS-10.0SH-M12-4FS-PUR	4066046100	RPC-M8-4MS-10.0SH-M12-4FS-PVC	4067046100

Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

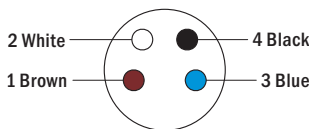
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

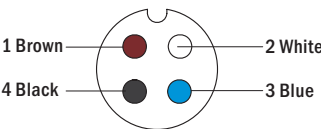
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

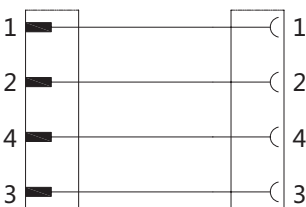
Assembly instruction



M8 Male, 4-pole
(A-coded)



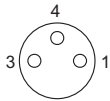
M12 Female, 4-pole
(A-coded)



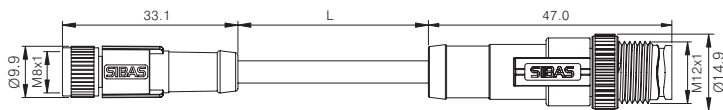
M8 Female straight on M12 Male straight, Moulded

Description: Straight M8 socket on straight M12 plug

3poles



M8 Female, 3-pole
(A-coded)



M12 Male, 3-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 3poles	RPC-M8-3FS-1.5-M12-3MS-PUR	4064037015	RPC-M8-3FS-1.5-M12-3MS-PVC	4065037015	RPC-M8-3FS-1.5-M12-3MS-OR	4063037015
3.0m, 3poles	RPC-M8-3FS-3.0-M12-3MS-PUR	4064037030	RPC-M8-3FS-3.0-M12-3MS-PVC	4065037030	RPC-M8-3FS-3.0-M12-3MS-OR	4063037030
5.0m, 3poles	RPC-M8-3FS-5.0-M12-3MS-PUR	4064037050	RPC-M8-3FS-5.0-M12-3MS-PVC	4065037050	RPC-M8-3FS-5.0-M12-3MS-OR	4063037050
10m, 3poles	RPC-M8-3FS-10.0-M12-3MS-PUR	4064037100	RPC-M8-3FS-10.0-M12-3MS-PVC	4065037100	RPC-M8-3FS-10.0-M12-3MS-OR	4063037100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A	3A	3A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

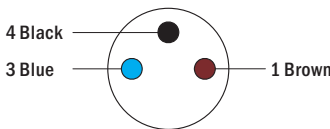
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

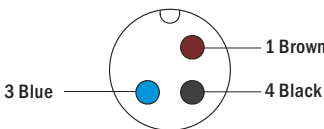
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

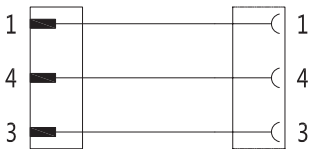
Assembly instruction



M8 Female, 3-pole
(A-coded)



M12 Male, 3-pole
(A-coded)



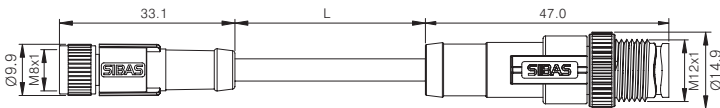
M8 Female straight on M12 Male straight, Moulded

Description: Straight M8 socket on straight M12 plug

4poles



M8 Female, 4-pole
(A-coded)



M12 Male, 4-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
1.5m, 4poles	RPC-M8-4FS-1.5-M12-4MS-PUR	4064047015	RPC-M8-4FS-1.5-M12-4MS-PVC	4065047015	RPC-M8-4FS-1.5-M12-4MS-OR	4063047015
3.0m, 4poles	RPC-M8-4FS-3.0-M12-4MS-PUR	4064047030	RPC-M8-4FS-3.0-M12-4MS-PVC	4065047030	RPC-M8-4FS-3.0-M12-4MS-OR	4063047030
5.0m, 4poles	RPC-M8-4FS-5.0-M12-4MS-PUR	4064047050	RPC-M8-4FS-5.0-M12-4MS-PVC	4065047050	RPC-M8-4FS-5.0-M12-4MS-OR	4063047050
10m, 4poles	RPC-M8-4FS-10.0-M12-4MS-PUR	4064047100	RPC-M8-4FS-10.0-M12-4MS-PVC	4065047100	RPC-M8-4FS-10.0-M12-4MS-OR	4063047100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A	3A	3A
Rated voltage	30V	30V	30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

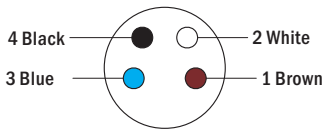
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

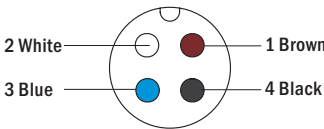
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.0mm	4.5mm	5.0mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

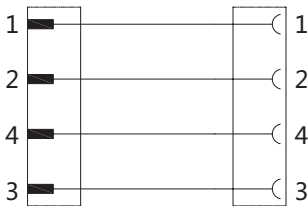
Assembly instruction



M8 Female, 4-pole
(A-coded)



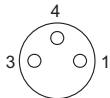
M12 Male, 4-pole
(A-coded)



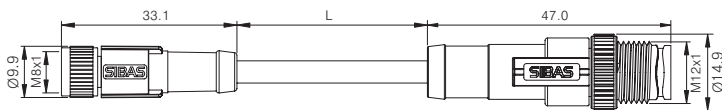
M8 Female straight on M12 Male straight,Moulded,Shielded

Description: Straight M8 socket on straight M12 plug

3poles



M8 Female,3-pole
(A-coded)



M12 Male,3-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M8-3FS-1.5SH-M12-3MS-PUR	4066037015	RPC-M8-3FS-1.5SH-M12-3MS-PVC	4067037015
3.0m,3poles	A	RPC-M8-3FS-3.0SH-M12-3MS-PUR	4066037030	RPC-M8-3FS-3.0SH-M12-3MS-PVC	4067037030
5.0m,3poles	A	RPC-M8-3FS-5.0SH-M12-3MS-PUR	4066037050	RPC-M8-3FS-5.0SH-M12-3MS-PVC	4067037050
10m,3poles	A	RPC-M8-3FS-10.0SH-M12-3MS-PUR	4066037100	RPC-M8-3FS-10.0SH-M12-3MS-PVC	4067037100

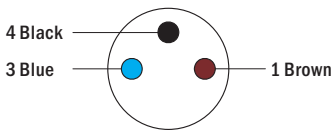
Technical data		PUR Cable	PVC Cable
Nominal current		3A	4A
Rated voltage		60V	60V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C
Ambient temperature		-25°C...+90°C	-25°C...+90°C

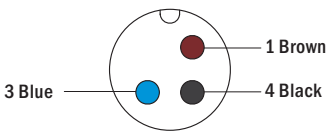
Connector data		A	A
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.2mm	5.2mm
Wire cross section		0.25mm ²	0.25mm ²
Conductor structure		32x0.1mm	32x0.1mm

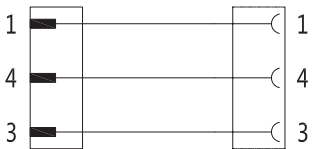
Assembly instruction



M8 Female,3-pole
(A-coded)



M12 Male,3-pole
(A-coded)



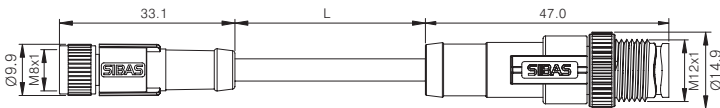
M8 Female straight on M12 Male straight,Moulded,Shielded

Description: Straight M8 socket on straight M12 plug

4poles



M8 Female,4-pole
(A-coded)



M12 Male,4-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,4poles	A	RPC-M8-4FS-1.5SH-M12-4MS-PUR	4066047015	RPC-M8-4FS-1.5SH-M12-4MS-PVC	4067047015
3.0m,4poles	A	RPC-M8-4FS-3.0SH-M12-4MS-PUR	4066047030	RPC-M8-4FS-3.0SH-M12-4MS-PVC	4067047030
5.0m,4poles	A	RPC-M8-4FS-5.0SH-M12-4MS-PUR	4066047050	RPC-M8-4FS-5.0SH-M12-4MS-PVC	4067047050
10m,4poles	A	RPC-M8-4FS-10.0SH-M12-4MS-PUR	4066047100	RPC-M8-4FS-10.0SH-M12-4MS-PVC	4067047100

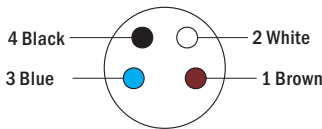
Technical data		PUR Cable	PVC Cable
Nominal current		3A	4A
Rated voltage		60V	60V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C
Ambient temperature		-25°C...+90°C	-25°C...+90°C

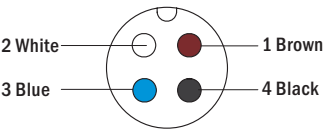
Connector data		PUR Cable	PVC Cable
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.2mm	5.2mm
Wire cross section		0.25mm ²	0.25mm ²
Conductor structure		32x0.1mm	32x0.1mm

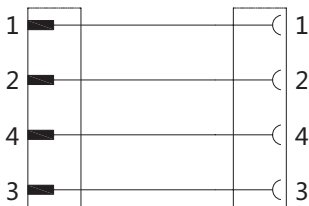
Assembly instruction



M8 Female,4-pole
(A-coded)



M12 Male,4-pole
(A-coded)



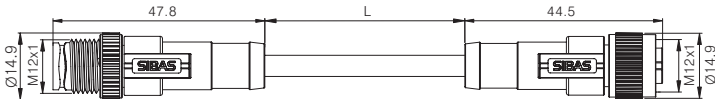
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 3poles	RPC-M12-3MS-1.5-M12-3FS-PUR	4164036015	RPC-M12-3MS-1.5-M12-3FS-PVC	4165036015	RPC-M12-3MS-1.5-M12-3FS-OR	4163036015
3.0m, 3poles	RPC-M12-3MS-3.0-M12-3FS-PUR	4164036030	RPC-M12-3MS-3.0-M12-3FS-PVC	4165036030	RPC-M12-3MS-3.0-M12-3FS-OR	4163036030
5.0m, 3poles	RPC-M12-3MS-5.0-M12-3FS-PUR	4164036050	RPC-M12-3MS-5.0-M12-3FS-PVC	4165036050	RPC-M12-3MS-5.0-M12-3FS-OR	4163036050
10m, 3poles	RPC-M12-3MS-10.0-M12-3FS-PUR	4164036100	RPC-M12-3MS-10.0-M12-3FS-PVC	4165036100	RPC-M12-3MS-10.0-M12-3FS-OR	4163036100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

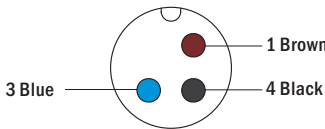
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

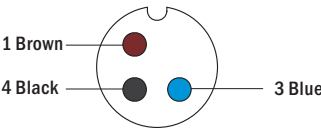
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

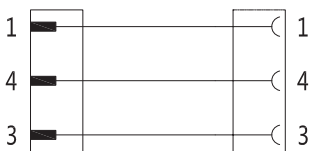
Assembly instruction



M12 Male, 3-pole
(A-coded)



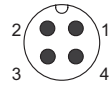
M12 Female, 3-pole
(A-coded)



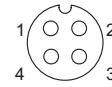
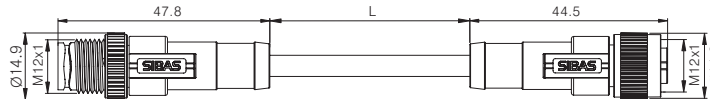
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 4poles	RPC-M12-4MS-1.5-M12-4FS-PUR	4164046015	RPC-M12-4MS-1.5-M12-4FS-PVC	4165046015	RPC-M12-4MS-1.5-M12-4FS-OR	4163046015
3.0m, 4poles	RPC-M12-4MS-3.0-M12-4FS-PUR	4164046030	RPC-M12-4MS-3.0-M12-4FS-PVC	4165046030	RPC-M12-4MS-3.0-M12-4FS-OR	4163046030
5.0m, 4poles	RPC-M12-4MS-5.0-M12-4FS-PUR	4164046050	RPC-M12-4MS-5.0-M12-4FS-PVC	4165046050	RPC-M12-4MS-5.0-M12-4FS-OR	4163046050
10m, 4poles	RPC-M12-4MS-10.0-M12-4FS-PUR	4164046100	RPC-M12-4MS-10.0-M12-4FS-PVC	4165046100	RPC-M12-4MS-10.0-M12-4FS-OR	4163046100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

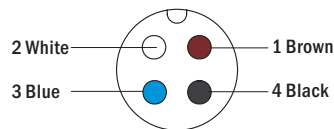
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

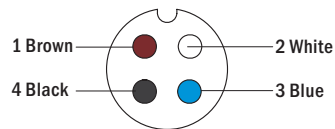
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

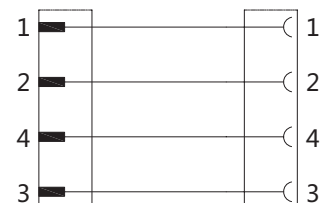
Assembly instruction



M12 Male, 4-pole
(A-coded)



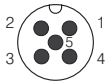
M12 Female, 4-pole
(A-coded)



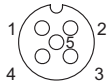
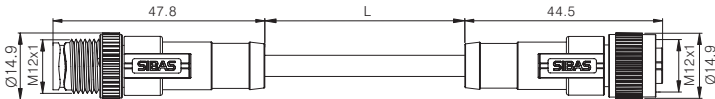
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

5poles



M12 Male,5-pole
(A-coded)



M12 Female,5-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m,5poles	RPC-M12-5MS-1.5-M12-5FS-PUR	4164056015	RPC-M12-5MS-1.5-M12-5FS-PVC	4165056015	RPC-M12-5MS-0.5-M12-5FS-OR	4163056005
3.0m,5poles	RPC-M12-5MS-3.0-M12-5FS-PUR	4164056030	RPC-M12-5MS-3.0-M12-5FS-PVC	4165056030	RPC-M12-5MS-1.5-M12-5FS-OR	4163056015
5.0m,5poles	RPC-M12-5MS-5.0-M12-5FS-PUR	4164056050	RPC-M12-5MS-5.0-M12-5FS-PVC	4165056050	RPC-M12-5MS-3.0-M12-5FS-OR	4163056030
10m,5poles	RPC-M12-5MS-10.0-M12-5FS-PUR	4164056100	RPC-M12-5MS-10.0-M12-5FS-PVC	4165056100	RPC-M12-5MS-5.0-M12-5FS-OR	4163056050

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

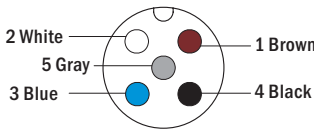
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

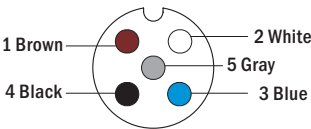
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

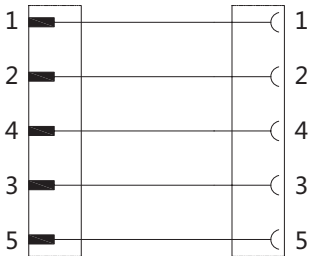
Assembly instruction



M12 Male,5-pole
(A-coded)



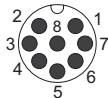
M12 Female,5-pole
(A-coded)



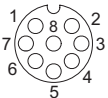
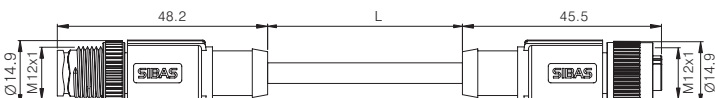
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

8poles



M12 Male,8-pole
(A-coded)



M12 Female,8-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m,8poles	RPC-M12-8MS-1.5-M12-8FS-PUR	4164086015	RPC-M12-8MS-1.5-M12-8FS-PVC	4165086015	RPC-M12-8MS-1.5-M12-8FS-OR	4163086015
3.0m,8poles	RPC-M12-8MS-3.0-M12-8FS-PUR	4164086030	RPC-M12-8MS-3.0-M12-8FS-PVC	4165086030	RPC-M12-8MS-3.0-M12-8FS-OR	4163086030
5.0m,8poles	RPC-M12-8MS-5.0-M12-8FS-PUR	4164086050	RPC-M12-8MS-5.0-M12-8FS-PVC	4165086050	RPC-M12-8MS-5.0-M12-8FS-OR	4163086050
10m,8poles	RPC-M12-8MS-10.0-M12-8FS-PUR	4164086100	RPC-M12-8MS-10.0-M12-8FS-PVC	4165086100	RPC-M12-8MS-10.0-M12-8FS-OR	4163086100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	2A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

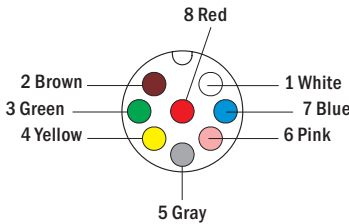
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

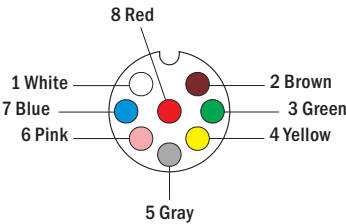
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

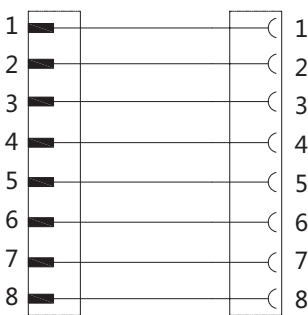
Assembly instruction



M12 Male,8-pole
(A-coded)



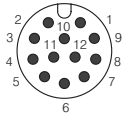
M12 Female,8-pole
(A-coded)



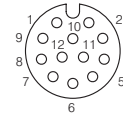
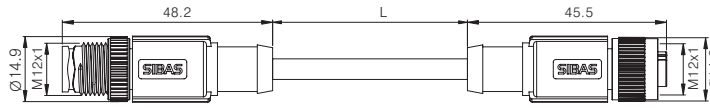
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 12poles	RPC-M12-12MS-1.5-M12-12FS-PUR	4164126015	RPC-M12-12MS-1.5-M12-12FS-PVC	4165126015	RPC-M12-12MS-1.5-M12-12FS-OR	4163126015
3.0m, 12poles	RPC-M12-12MS-3.0-M12-12FS-PUR	4164126030	RPC-M12-12MS-3.0-M12-12FS-PVC	4165126030	RPC-M12-12MS-3.0-M12-12FS-OR	4163126030
5.0m, 12poles	RPC-M12-12MS-5.0-M12-12FS-PUR	4164126050	RPC-M12-12MS-5.0-M12-12FS-PVC	4165126050	RPC-M12-12MS-5.0-M12-12FS-OR	4163126050
10m, 12poles	RPC-M12-12MS-10.0-M12-12FS-PUR	4164126100	RPC-M12-12MS-10.0-M12-12FS-PVC	4165126100	RPC-M12-12MS-10.0-M12-12FS-OR	4163126100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	1.5A	1.5A	1.5A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

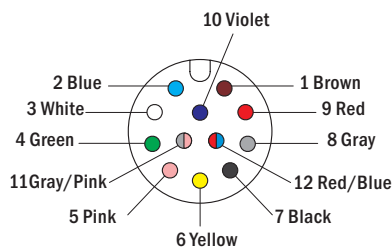
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

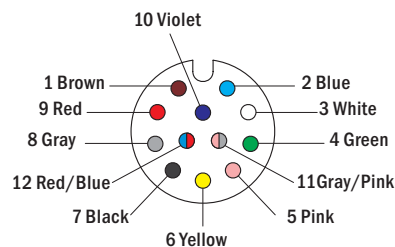
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm	18x0.1mm

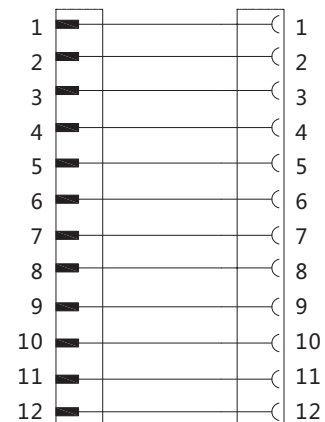
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



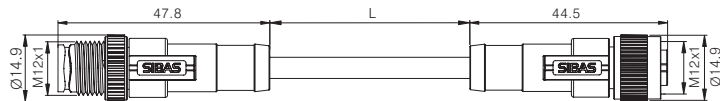
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 pulg on straight M12 socket

3poles



M12 Male,3-pole
(A-coded)



M12 Female,3-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,3poles	A	RPC-M12-3MS-1.5SH-M12-3FS-PUR	4166036015	RPC-M12-3MS-1.5SH-M12-3FS-PVC	4167036015
3.0m,3poles	A	RPC-M12-3MS-3.0SH-M12-3FS-PUR	4166036030	RPC-M12-3MS-3.0SH-M12-3FS-PVC	4167036030
5.0m,3poles	A	RPC-M12-3MS-5.0SH-M12-3FS-PUR	4166036050	RPC-M12-3MS-5.0SH-M12-3FS-PVC	4167036050
10m,3poles	A	RPC-M12-3MS-10.0SH-M12-3FS-PUR	4166036100	RPC-M12-3MS-10.0SH-M12-3FS-PVC	4167036100

Technical data

	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C

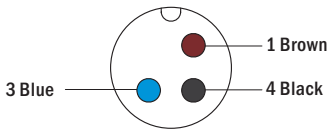
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

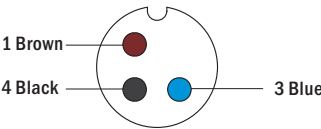
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

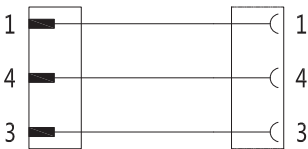
Assembly instruction



M12 Male,3-pole
(A-coded)



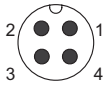
M12 Female,3-pole
(A-coded)



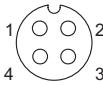
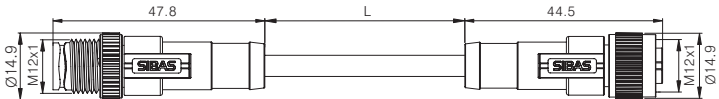
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 pulg on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-4MS-1.5SH-M12-4FS-PUR	4166046015	RPC-M12-4MS-1.5SH-M12-4FS-PVC	4167046015
3.0m, 4poles	A	RPC-M12-4MS-3.0SH-M12-4FS-PUR	4166046030	RPC-M12-4MS-3.0SH-M12-4FS-PVC	4167046030
5.0m, 4poles	A	RPC-M12-4MS-5.0SH-M12-4FS-PUR	4166046050	RPC-M12-4MS-5.0SH-M12-4FS-PVC	4167046050
10m, 4poles	A	RPC-M12-4MS-10.0SH-M12-4FS-PUR	4166046100	RPC-M12-4MS-10.0SH-M12-4FS-PVC	4167046100

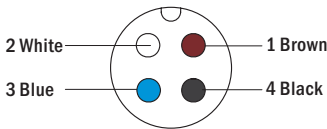
Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		250V	250V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C... +80°C	-10°C... +70°C
Cable, flexible installation		-5°C... +80°C	-5°C... +70°C
Ambient temperature		-25°C... +90°C	-25°C... +90°C

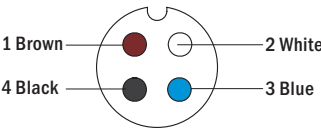
Connector data		A	A
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.8mm	5.8mm
Wire cross section		0.34mm ²	0.34mm ²
Conductor structure		42x0.1mm	42x0.1mm

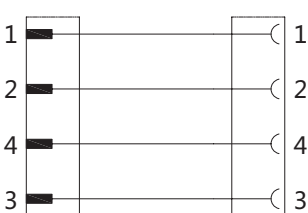
Assembly instruction



M12 Male, 4-pole
(A-coded)



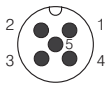
M12 Female, 4-pole
(A-coded)



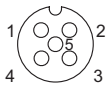
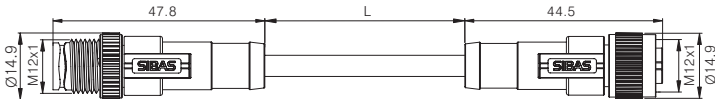
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 pulg on straight M12 socket

5poles



M12 Male,5-pole
(A-coded)



M12 Female,5-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,5poles	A	RPC-M12-5MS-1.5SH-M12-5FS-PUR	4166056015	RPC-M12-5MS-1.5SH-M12-5FS-PVC	4167056015
3.0m,5poles	A	RPC-M12-5MS-3.0SH-M12-5FS-PUR	4166056030	RPC-M12-5MS-3.0SH-M12-5FS-PVC	4167056030
5.0m,5poles	A	RPC-M12-5MS-5.0SH-M12-5FS-PUR	4166056050	RPC-M12-5MS-5.0SH-M12-5FS-PVC	4167056050
10m,5poles	A	RPC-M12-5MS-10.0SH-M12-5FS-PUR	4166056100	RPC-M12-5MS-10.0SH-M12-5FS-PVC	4167056100

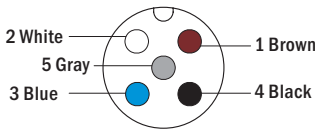
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	PUR Cable	PVC Cable
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C

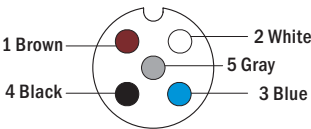
Connector data	PUR Cable	PVC Cable
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR	PVC
Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

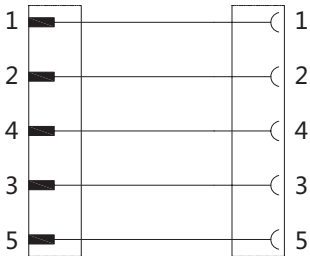
Assembly instruction



M12 Male,5-pole
(A-coded)



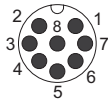
M12 Female,5-pole
(A-coded)



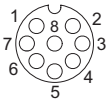
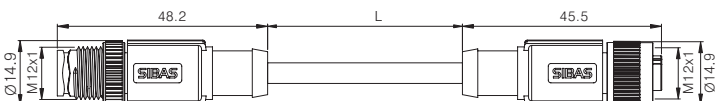
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 pulg on straight M12 socket

8poles



M12 Male,8-pole
(A-coded)



M12 Female,8-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m,8poles	A	RPC-M12-8MS-1.5SH-M12-8FS-PUR	4166086015	RPC-M12-8MS-1.5SH-M12-8FS-PVC	4167086015
3.0m,8poles	A	RPC-M12-8MS-3.0SH-M12-8FS-PUR	4166086030	RPC-M12-8MS-3.0SH-M12-8FS-PVC	4167086030
5.0m,8poles	A	RPC-M12-8MS-5.0SH-M12-8FS-PUR	4166086050	RPC-M12-8MS-5.0SH-M12-8FS-PVC	4167086050
10m,8poles	A	RPC-M12-8MS-10.0SH-M12-8FS-PUR	4166086100	RPC-M12-8MS-10.0SH-M12-8FS-PVC	4167086100

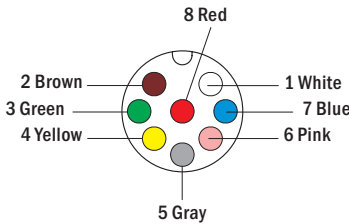
Technical data		PUR Cable	PVC Cable
Nominal current		2A	2A
Rated voltage		30V	30V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C
Ambient temperature		-25°C...+90°C	-25°C...+90°C

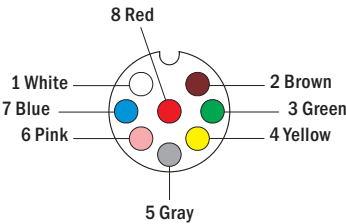
Connector data		PUR Cable	PVC Cable
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.8mm	5.8mm
Wire cross section		0.25mm ²	0.25mm ²
Conductor structure		32x0.1mm	32x0.1mm

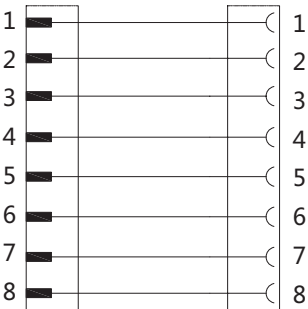
Assembly instruction



M12 Male,8-pole
(A-coded)



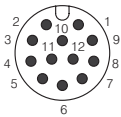
M12 Female,8-pole
(A-coded)



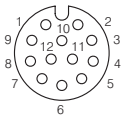
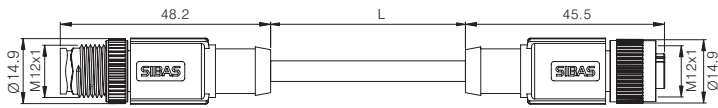
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 12poles	A	RPC-M12-12MS-1.5SH-M12-12FS-PUR	4166126015	RPC-M12-12MS-1.5SH-M12-12FS-PVC	4167126015
3.0m, 12poles	A	RPC-M12-12MS-3.0SH-M12-12FS-PUR	4166126030	RPC-M12-12MS-3.0SH-M12-12FS-PVC	4167126030
5.0m, 12poles	A	RPC-M12-12MS-5.0SH-M12-12FS-PUR	4166126050	RPC-M12-12MS-5.0SH-M12-12FS-PVC	4167126050
10m, 12poles	A	RPC-M12-12MS-10.0SH-M12-12FS-PUR	4166126100	RPC-M12-12MS-10.0SH-M12-12FS-PVC	4167126100

Technical data		PUR Cable	PVC Cable
Nominal current		1.5A	1.5A
Rated voltage		30V	30V
Contact resistance		≤5mΩ	≤5mΩ
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

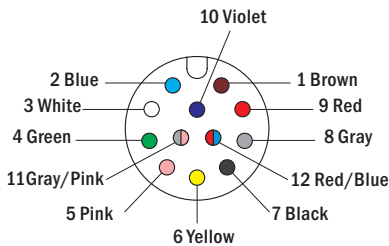
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

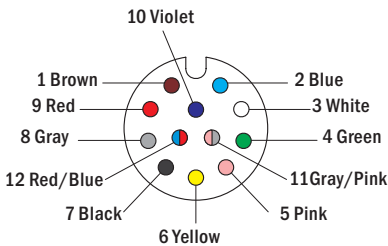
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm

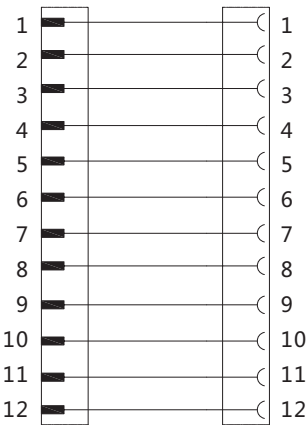
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



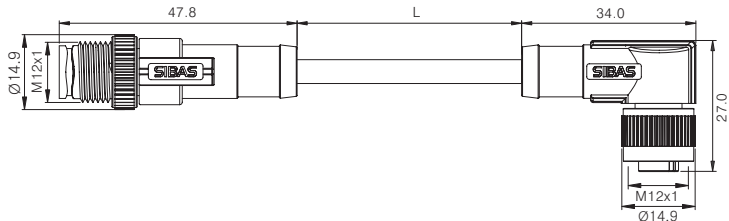
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 3poles	RPC-M12-3MS-1.5-M12-3FR-PUR	4174036015	RPC-M12-3MS-1.5-M12-3FR-PVC	4175036015	RPC-M12-3MS-1.5-M12-3FR-OR	4173036015
3.0m, 3poles	RPC-M12-3MS-3.0-M12-3FR-PUR	4174036030	RPC-M12-3MS-3.0-M12-3FR-PVC	4175036030	RPC-M12-3MS-3.0-M12-3FR-OR	4173036030
5.0m, 3poles	RPC-M12-3MS-5.0-M12-3FR-PUR	4174036050	RPC-M12-3MS-5.0-M12-3FR-PVC	4175036050	RPC-M12-3MS-5.0-M12-3FR-OR	4173036050
10m, 3poles	RPC-M12-3MS-10.0-M12-3FR-PUR	4174036100	RPC-M12-3MS-10.0-M12-3FR-PVC	4175036100	RPC-M12-3MS-10.0-M12-3FR-OR	4173036100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

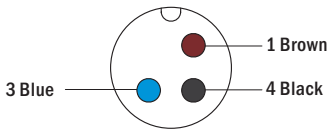
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

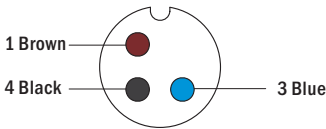
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

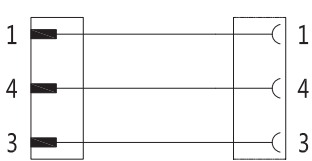
Assembly instruction



M12 Male, 3-pole
(A-coded)



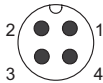
M12 Female, 3-pole
(A-coded)



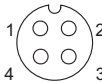
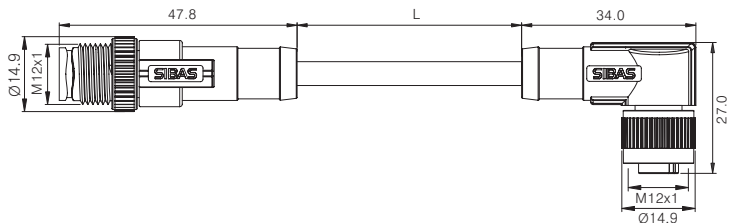
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 4poles	RPC-M12-4MS-1.5-M12-4FR-PUR	4174046015	RPC-M12-4MS-1.5-M12-4FR-PVC	4175046015	RPC-M12-4MS-1.5-M12-4FR-OR	4173046015
3.0m, 4poles	RPC-M12-4MS-3.0-M12-4FR-PUR	4174046030	RPC-M12-4MS-3.0-M12-4FR-PVC	4175046030	RPC-M12-4MS-3.0-M12-4FR-OR	4173046030
5.0m, 4poles	RPC-M12-4MS-5.0-M12-4FR-PUR	4174046050	RPC-M12-4MS-5.0-M12-4FR-PVC	4175046050	RPC-M12-4MS-5.0-M12-4FR-OR	4173046050
10m, 4poles	RPC-M12-4MS-10.0-M12-4FR-PUR	4174046100	RPC-M12-4MS-10.0-M12-4FR-PVC	4175046100	RPC-M12-4MS-10.0-M12-4FR-OR	4173046100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

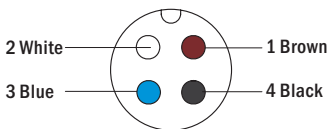
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

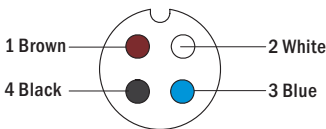
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

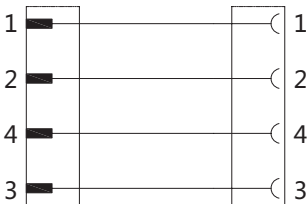
Assembly instruction



M12 Male, 4-pole
(A-coded)



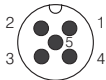
M12 Female, 4-pole
(A-coded)



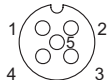
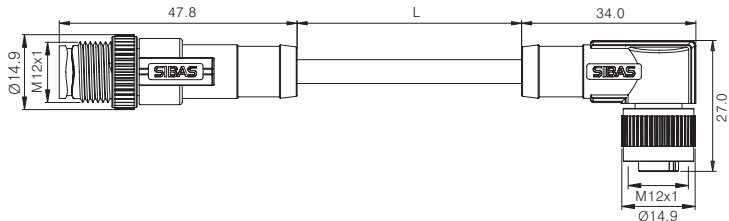
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 5poles	RPC-M12-5MS-1.5-M12-5FR-PUR	4174056015	RPC-M12-5MS-1.5-M12-5FR-PVC	4175056015	RPC-M12-5MS-1.5-M12-5FR-OR	4173056015
3.0m, 5poles	RPC-M12-5MS-3.0-M12-5FR-PUR	4174056030	RPC-M12-5MS-3.0-M12-5FR-PVC	4175056030	RPC-M12-5MS-3.0-M12-5FR-OR	4173056030
5.0m, 5poles	RPC-M12-5MS-5.0-M12-5FR-PUR	4174056050	RPC-M12-5MS-5.0-M12-5FR-PVC	4175056050	RPC-M12-5MS-5.0-M12-5FR-OR	4173056050
10m, 5poles	RPC-M12-5MS-10.0-M12-5FR-PUR	4174056100	RPC-M12-5MS-10.0-M12-5FR-PVC	4175056100	RPC-M12-5MS-10.0-M12-5FR-OR	4173056100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

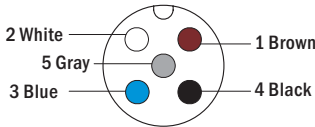
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

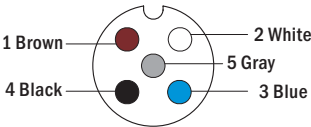
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

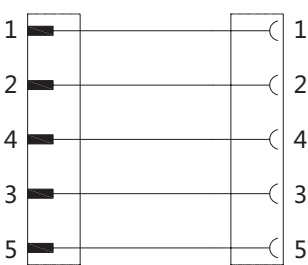
Assembly instruction



M12 Male, 5-pole
(A-coded)



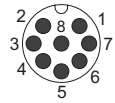
M12 Female, 5-pole
(A-coded)



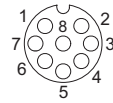
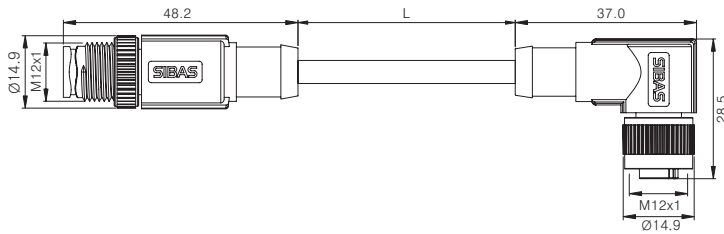
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

8poles



M12 Male, 8-pole
(A-coded)



M12 Female, 8-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 8poles	RPC-M12-8MS-1.5-M12-8FR-PUR	4174086015	RPC-M12-8MS-1.5-M12-8FR-PVC	4175086015	RPC-M12-8MS-1.5-M12-8FR-OR	4173086015
3.0m, 8poles	RPC-M12-8MS-3.0-M12-8FR-PUR	4174086030	RPC-M12-8MS-3.0-M12-8FR-PVC	4175086030	RPC-M12-8MS-3.0-M12-8FR-OR	4173086030
5.0m, 8poles	RPC-M12-8MS-5.0-M12-8FR-PUR	4174086050	RPC-M12-8MS-5.0-M12-8FR-PVC	4175086050	RPC-M12-8MS-5.0-M12-8FR-OR	4173086050
10m, 8poles	RPC-M12-8MS-10.0-M12-8FR-PUR	4174086100	RPC-M12-8MS-10.0-M12-8FR-PVC	4175086100	RPC-M12-8MS-10.0-M12-8FR-OR	4173086100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	3A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

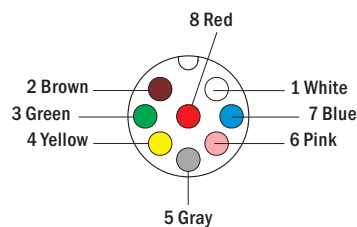
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

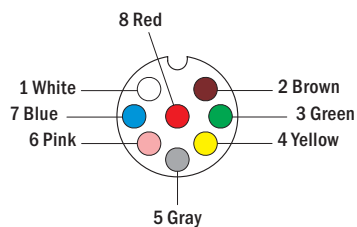
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

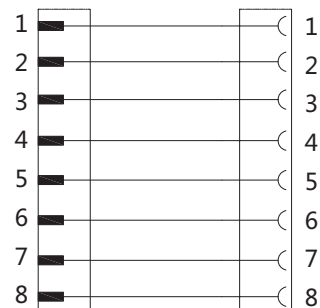
Assembly instruction



M12 Male, 8-pole
(A-coded)



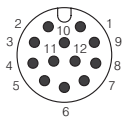
M12 Female, 8-pole
(A-coded)



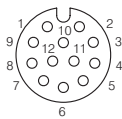
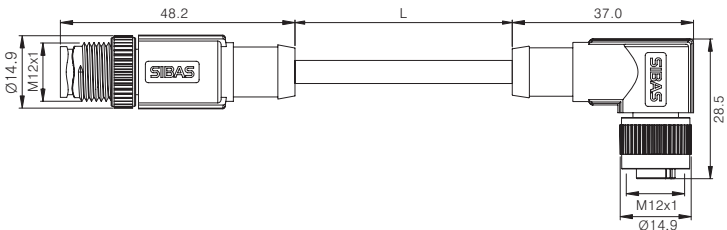
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 12poles	RPC-M12-12MS-1.5-M12-12FR-PUR	4174126015	RPC-M12-12MS-1.5-M12-12FR-PVC	4175126015	RPC-M12-12MS-1.5-M12-12FR-OR	4173126015
3.0m, 12poles	RPC-M12-12MS-3.0-M12-12FR-PUR	4174126030	RPC-M12-12MS-3.0-M12-12FR-PVC	4175126030	RPC-M12-12MS-3.0-M12-12FR-OR	4173126030
5.0m, 12poles	RPC-M12-12MS-5.0-M12-12FR-PUR	4174126050	RPC-M12-12MS-5.0-M12-12FR-PVC	4175126050	RPC-M12-12MS-5.0-M12-12FR-OR	4173126050
10m, 12poles	RPC-M12-12MS-10.0-M12-12FR-PUR	4174126100	RPC-M12-12MS-10.0-M12-12FR-PVC	4175126100	RPC-M12-12MS-10.0-M12-12FR-OR	4173126100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	1.5A	1.5A	1.5A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

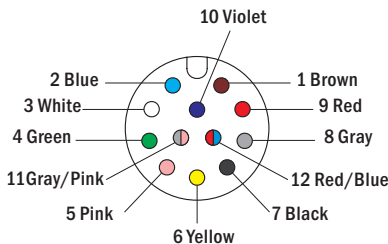
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

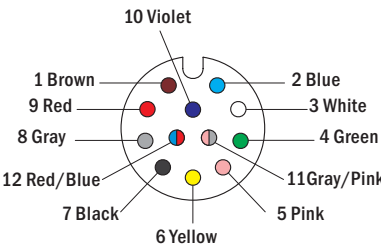
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm	18x0.1mm

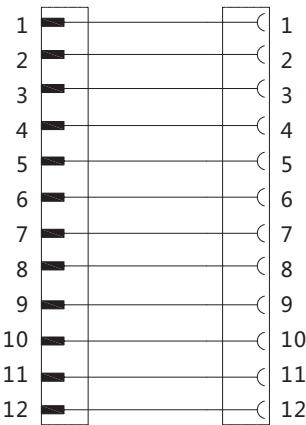
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



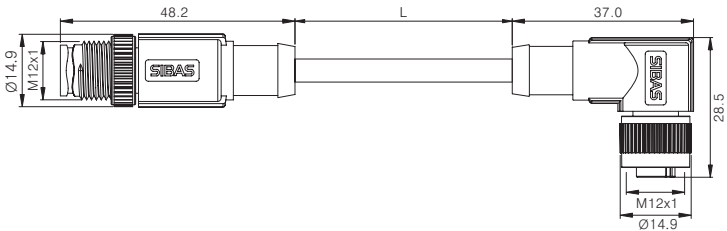
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 3poles	A	RPC-M12-3MS-1.5SH-M12-3FR-PUR	4176036015	RPC-M12-3MS-1.5SH-M12-3FR-PVC	4176036015
3.0m, 3poles	A	RPC-M12-3MS-3.0SH-M12-3FR-PUR	4176036030	RPC-M12-3MS-3.0SH-M12-3FR-PVC	4176036030
5.0m, 3poles	A	RPC-M12-3MS-5.0SH-M12-3FR-PUR	4176036050	RPC-M12-3MS-5.0SH-M12-3FR-PVC	4176036050
10m, 3poles	A	RPC-M12-3MS-10.0SH-M12-3FR-PUR	4176036100	RPC-M12-3MS-10.0SH-M12-3FR-PVC	4176036100

Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		250V	250V
Contact resistance		≤5mΩ	≤5mΩ
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

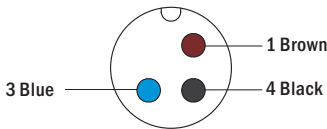
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

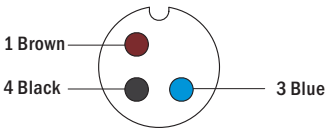
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

Assembly instruction



M12 Male, 3-pole
(A-coded)



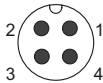
M12 Female, 3-pole
(A-coded)



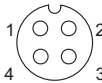
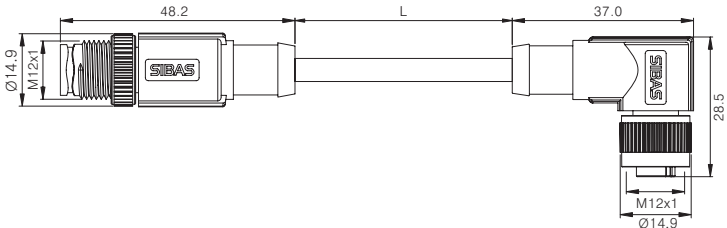
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-4MS-1.5SH-M12-4FR-PUR	4176046015	RPC-M12-4MS-1.5SH-M12-4FR-PVC	4177046015
3.0m, 4poles	A	RPC-M12-4MS-3.0SH-M12-4FR-PUR	4176046030	RPC-M12-4MS-3.0SH-M12-4FR-PVC	4177046030
5.0m, 4poles	A	RPC-M12-4MS-5.0SH-M12-4FR-PUR	4176046050	RPC-M12-4MS-5.0SH-M12-4FR-PVC	4177046050
10m, 4poles	A	RPC-M12-4MS-10.0SH-M12-4FR-PUR	4176046100	RPC-M12-4MS-10.0SH-M12-4FR-PVC	4177046100

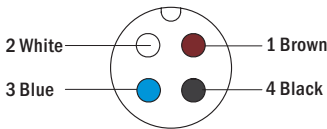
Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		250V	250V
Contact resistance		≤5mΩ	≤5mΩ
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C
Ambient temperature		-25°C...+90°C	-25°C...+90°C

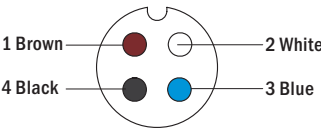
Connector data		A	A
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.2mm	5.2mm
Wire cross section		0.34mm ²	0.34mm ²
Conductor structure		42x0.1mm	42x0.1mm

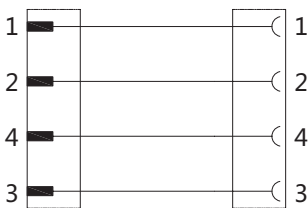
Assembly instruction



M12 Male, 4-pole
(A-coded)



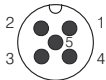
M12 Female, 4-pole
(A-coded)



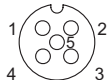
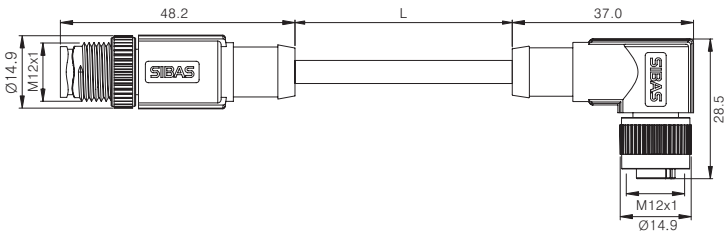
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 5poles	A	RPC-M12-5MS-1.5SH-M12-5FR-PUR	4176056015	RPC-M12-5MS-1.5SH-M12-5FR-PVC	4177056015
3.0m, 5poles	A	RPC-M12-5MS-3.0SH-M12-5FR-PUR	4176056030	RPC-M12-5MS-3.0SH-M12-5FR-PVC	4177056030
5.0m, 5poles	A	RPC-M12-5MS-5.0SH-M12-5FR-PUR	4176056050	RPC-M12-5MS-5.0SH-M12-5FR-PVC	4177056050
10m, 5poles	A	RPC-M12-5MS-10.0SH-M12-5FR-PUR	4176056100	RPC-M12-5MS-10.0SH-M12-5FR-PVC	4177056100

Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		30V	30V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

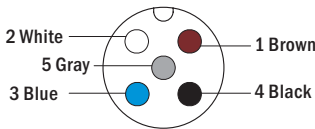
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

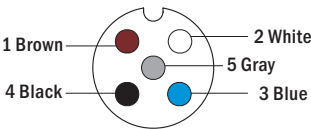
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

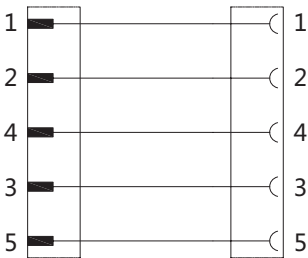
Assembly instruction



M12 Male, 5-pole
(A-coded)



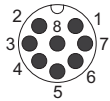
M12 Female, 5-pole
(A-coded)



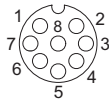
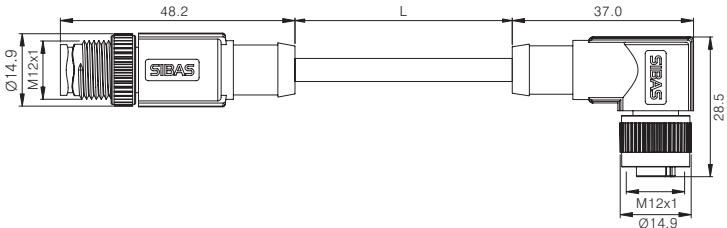
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

8poles



M12 Male, 8-pole
(A-coded)



M12 Female, 8-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 8poles	A	RPC-M12-8MS-1.5SH-M12-8FR-PUR	4176086015	RPC-M12-8MS-1.5SH-M12-8FR-PVC	4177086015
3.0m, 8poles	A	RPC-M12-8MS-3.0SH-M12-8FR-PUR	4176086030	RPC-M12-8MS-3.0SH-M12-8FR-PVC	4177086030
5.0m, 8poles	A	RPC-M12-8MS-5.0SH-M12-8FR-PUR	4176086050	RPC-M12-8MS-5.0SH-M12-8FR-PVC	4177086050
10m, 8poles	A	RPC-M12-8MS-10.0SH-M12-8FR-PUR	4176086100	RPC-M12-8MS-10.0SH-M12-8FR-PVC	4177086100

Technical data		PUR Cable	PVC Cable
Nominal current		2A	2A
Rated voltage		30V	30V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

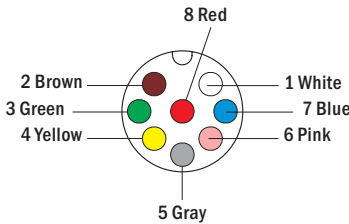
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

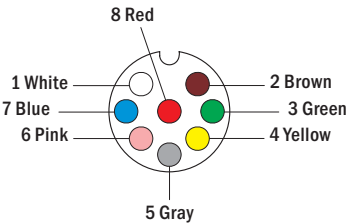
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

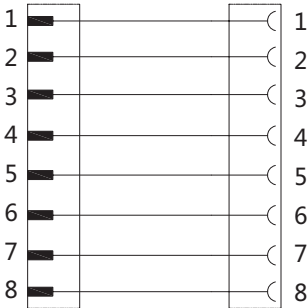
Assembly instruction



M12 Male, 8-pole
(A-coded)



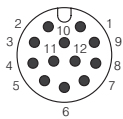
M12 Female, 8-pole
(A-coded)



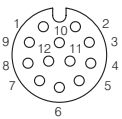
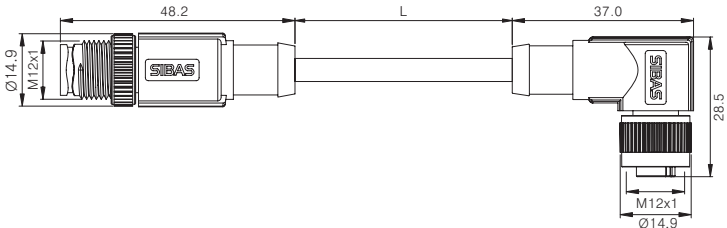
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m, 12poles	RPC-M12-12MS-1.5SH-M12-12FR-PUR	4174126015	RPC-M12-12MS-1.5SH-M12-12FR-PVC	4175126015
3.0m, 12poles	RPC-M12-12MS-3.0SH-M12-12FR-PUR	4174126030	RPC-M12-12MS-3.0SH-M12-12FR-PVC	4175126030
5.0m, 12poles	RPC-M12-12MS-5.0SH-M12-12FR-PUR	4174126050	RPC-M12-12MS-5.0SH-M12-12FR-PVC	4175126050
10m, 12poles	RPC-M12-12MS-10.0SH-M12-12FR-PUR	4174126100	RPC-M12-12MS-10.0SH-M12-12FR-PVC	4175126100

Technical data

	PUR Cable	PVC Cable
Nominal current	1.5A	1.5A
Rated voltage	30V	30V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

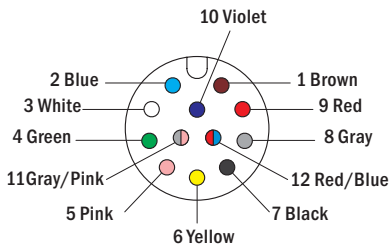
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

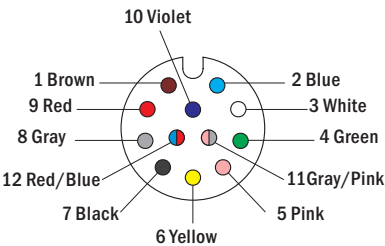
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm

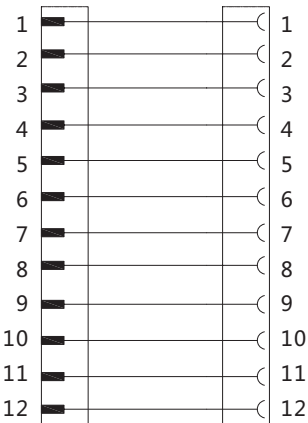
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



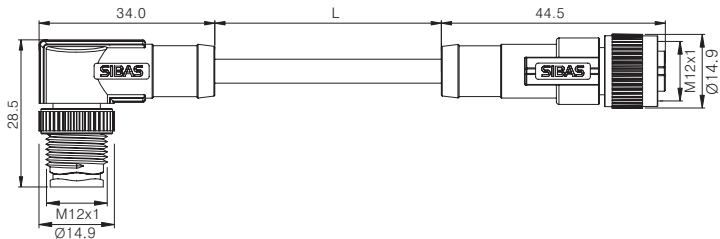
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 3poles	RPC-M12-3FS-1.5-M12-3MR-PUR	4174037015	RPC-M12-3FS-1.5-M12-3MR-PVC	4175037015	RPC-M12-3FS-1.5-M12-3MR-OR	4173037015
3.0m, 3poles	RPC-M12-3FS-3.0-M12-3MR-PUR	4174037030	RPC-M12-3FS-3.0-M12-3MR-PVC	4175037030	RPC-M12-3FS-3.0-M12-3MR-OR	4173037030
5.0m, 3poles	RPC-M12-3FS-5.0-M12-3MR-PUR	4174037050	RPC-M12-3FS-5.0-M12-3MR-PVC	4175037050	RPC-M12-3FS-5.0-M12-3MR-OR	4173037050
10m, 3poles	RPC-M12-3FS-10.0-M12-3MR-PUR	4174037100	RPC-M12-3FS-10.0-M12-3MR-PVC	4175037100	RPC-M12-3FS-10.0-M12-3MR-OR	4173037100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

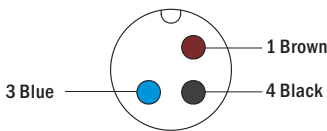
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

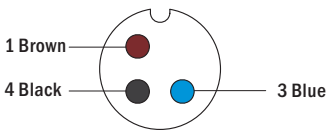
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	4.5mm	4.5mm	4.5mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

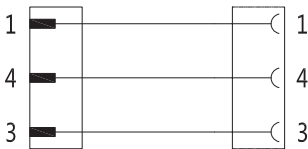
Assembly instruction



M12 Male, 3-pole
(A-coded)



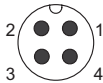
M12 Female, 3-pole
(A-coded)



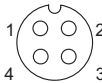
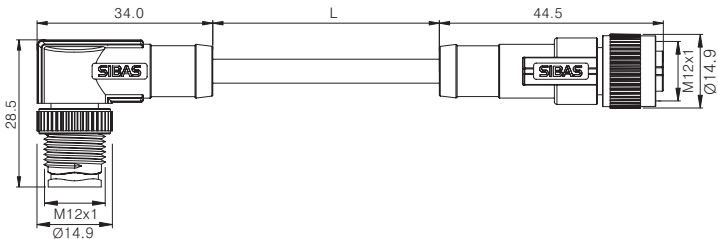
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 4poles	RPC-M12-4FS-1.5-M12-4MR-PUR	4174047015	RPC-M12-4FS-1.5-M12-4MR-PVC	4175047015	RPC-M12-4FS-1.5-M12-4MR-OR	4173047015
3.0m, 4poles	RPC-M12-4FS-3.0-M12-4MR-PUR	4174047030	RPC-M12-4FS-3.0-M12-4MR-PVC	4175047030	RPC-M12-4FS-3.0-M12-4MR-OR	4173047030
5.0m, 4poles	RPC-M12-4FS-5.0-M12-4MR-PUR	4174047050	RPC-M12-4FS-5.0-M12-4MR-PVC	4175047050	RPC-M12-4FS-5.0-M12-4MR-OR	4173047050
10m, 4poles	RPC-M12-4FS-10.0-M12-4MR-PUR	4174047100	RPC-M12-4FS-10.0-M12-4MR-PVC	4175047100	RPC-M12-4FS-10.0-M12-4MR-OR	4173047100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

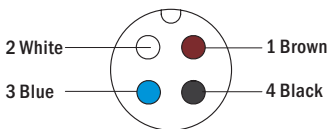
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

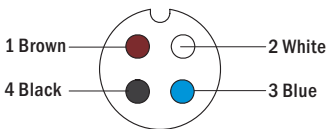
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

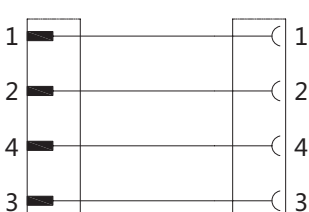
Assembly instruction



M12 Male, 4-pole
(A-coded)



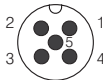
M12 Female, 4-pole
(A-coded)



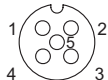
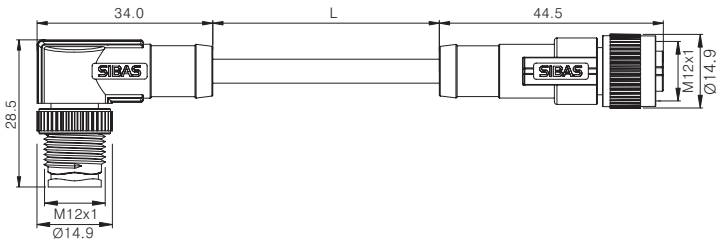
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 5poles	RPC-M12-5FS-1.5-M12-5MR-PUR	4174057015	RPC-M12-5FS-1.5-M12-5MR-PVC	4175057015	RPC-M12-5FS-1.5-M12-5MR-OR	4173057015
3.0m, 5poles	RPC-M12-5FS-3.0-M12-5MR-PUR	4174057030	RPC-M12-5FS-3.0-M12-5MR-PVC	4175057030	RPC-M12-5FS-3.0-M12-5MR-OR	4173057030
5.0m, 5poles	RPC-M12-5FS-5.0-M12-5MR-PUR	4174057050	RPC-M12-5FS-5.0-M12-5MR-PVC	4175057050	RPC-M12-5FS-5.0-M12-5MR-OR	4173057050
10m, 5poles	RPC-M12-5FS-10.0-M12-5MR-PUR	4174057100	RPC-M12-5FS-10.0-M12-5MR-PVC	4175057100	RPC-M12-5FS-10.0-M12-5MR-OR	4173057100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

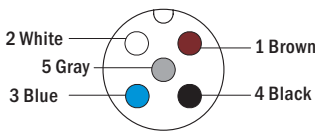
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

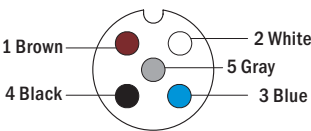
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

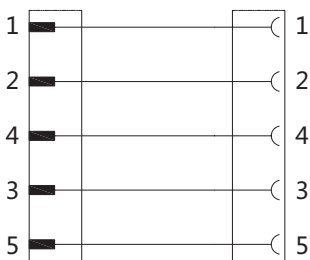
Assembly instruction



M12 Male, 5-pole
(A-coded)

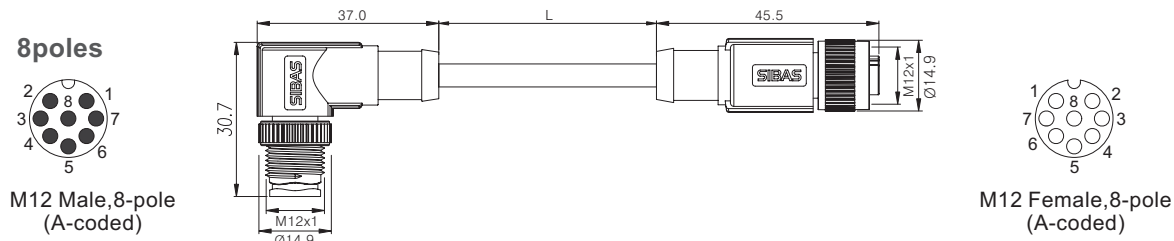


M12 Female, 5-pole
(A-coded)



M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket



Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 8poles	RPC-M12-8FS-1.5-M12-8MR-PUR	4174087015	RPC-M12-8FS-1.5-M12-8MR-PVC	4175087015	RPC-M12-8FS-1.5-M12-8MR-OR	4173087015
3.0m, 8poles	RPC-M12-8FS-3.0-M12-8MR-PUR	4174087030	RPC-M12-8FS-3.0-M12-8MR-PVC	4175087030	RPC-M12-8FS-3.0-M12-8MR-OR	4173087030
5.0m, 8poles	RPC-M12-8FS-5.0-M12-8MR-PUR	4174087050	RPC-M12-8FS-5.0-M12-8MR-PVC	4175087050	RPC-M12-8FS-5.0-M12-8MR-OR	4173087050
10m, 8poles	RPC-M12-8FS-10.0-M12-8MR-PUR	4174087100	RPC-M12-8FS-10.0-M12-8MR-PVC	4175087100	RPC-M12-8FS-10.0-M12-8MR-OR	4173087100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	2A	2A	3A
Rated voltage	30V	30V	30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

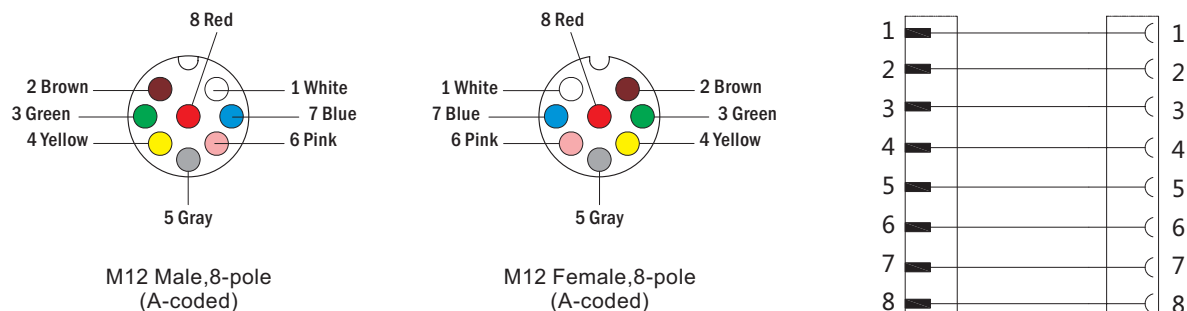
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm	32x0.1mm

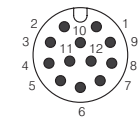
Assembly instruction



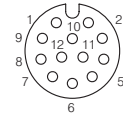
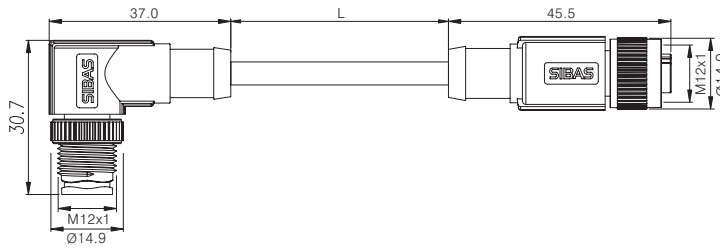
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable	Order No.	PVC Cable	Order No.	Resistant to welding beads cable	Order No.
Cable length	Type		Type		Type	
1.5m, 12poles	RPC-M12-12MR-1.5-M12-12FS-PUR	4174127015	RPC-M12-12MR-1.5-M12-12FS-PVC	4175127015	RPC-M12-12MR-1.5-M12-12FS-OR	4173127015
3.0m, 12poles	RPC-M12-12MR-3.0-M12-12FS-PUR	4174127030	RPC-M12-12MR-3.0-M12-12FS-PVC	4175127030	RPC-M12-12MR-3.0-M12-12FS-OR	4173127030
5.0m, 12poles	RPC-M12-12MR-5.0-M12-12FS-PUR	4174127050	RPC-M12-12MR-5.0-M12-12FS-PVC	4175127050	RPC-M12-12MR-5.0-M12-12FS-OR	4173127050
10m, 12poles	RPC-M12-12MR-10.0-M12-12FS-PUR	4174127100	RPC-M12-12MR-10.0-M12-12FS-PVC	4175127100	RPC-M12-12MR-10.0-M12-12FS-OR	4173127100

Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	1.5A	1.5A	1.5A
Rated voltage	30V	30V	30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C	-40°C... +120°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C	-5°C... +120°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

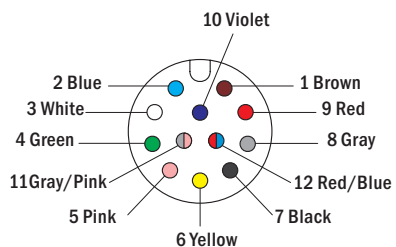
Connector data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

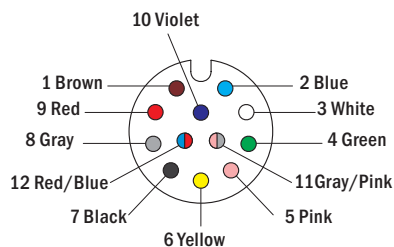
Cable data

Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	5.8mm	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm	18x0.1mm

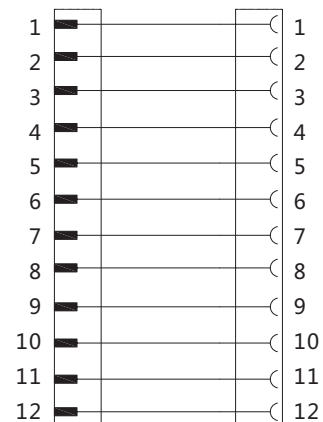
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



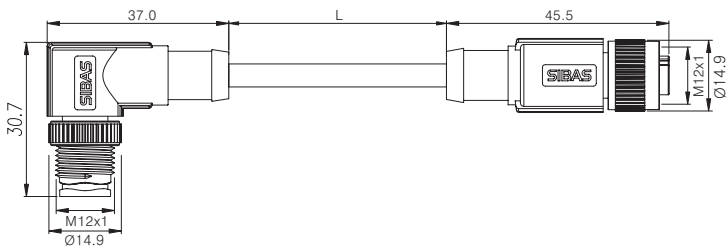
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 3poles	A	RPC-M12-3FS-1.5SH-M12-3MR-PUR	4176037015	RPC-M12-3FS-1.5SH-M12-3MR-PVC	4177037015
3.0m, 3poles	A	RPC-M12-3FS-3.0SH-M12-3MR-PUR	4176037030	RPC-M12-3FS-3.0SH-M12-3MR-PVC	4177037030
5.0m, 3poles	A	RPC-M12-3FS-5.0SH-M12-3MR-PUR	4176037050	RPC-M12-3FS-5.0SH-M12-3MR-PVC	4177037050
10m, 3poles	A	RPC-M12-3FS-10.0SH-M12-3MR-PUR	4176037100	RPC-M12-3FS-10.0SH-M12-3MR-PVC	4177037100

Technical data

	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C

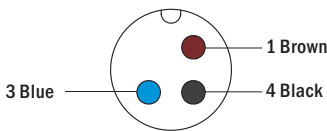
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

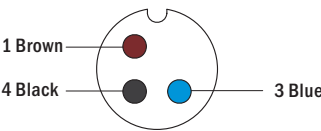
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

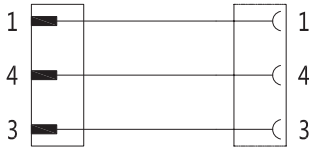
Assembly instruction



M12 Male, 3-pole
(A-coded)



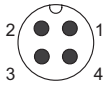
M12 Female, 3-pole
(A-coded)



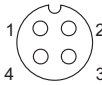
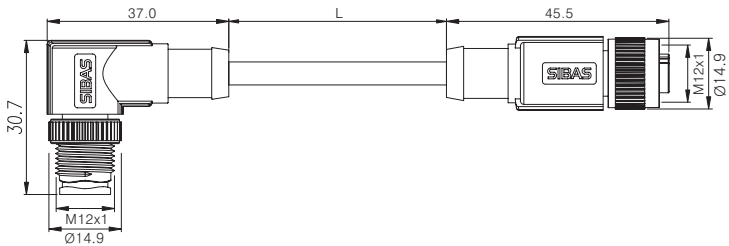
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 4poles	A	RPC-M12-4FS-1.5SH-M12-4MR-PUR	4176047015	RPC-M12-4FS-1.5SH-M12-4MR-PVC	4177047015
3.0m, 4poles	A	RPC-M12-4FS-3.0SH-M12-4MR-PUR	4176047030	RPC-M12-4FS-3.0SH-M12-4MR-PVC	4177047030
5.0m, 4poles	A	RPC-M12-4FS-5.0SH-M12-4MR-PUR	4176047050	RPC-M12-4FS-5.0SH-M12-4MR-PVC	4177047050
10m, 4poles	A	RPC-M12-4FS-10.0SH-M12-4MR-PUR	4176047100	RPC-M12-4FS-10.0SH-M12-4MR-PVC	4177047100

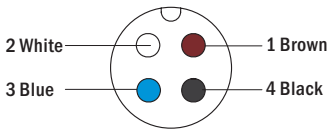
Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		250V	250V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature		PUR Cable	PVC Cable
Cable, fixed installation		-40°C...+80°C	-10°C...+70°C
Cable, flexible installation		-5°C...+80°C	-5°C...+70°C
Ambient temperature		-25°C...+90°C	-25°C...+90°C

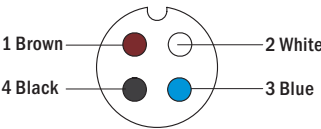
Connector data		PUR Cable	PVC Cable
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Au	Ni/Au
Material of grip body		TPU	TPU

Cable data		PUR	PVC
Cable Jacket		PUR	PVC
Cable diameter		5.8mm	5.8mm
Wire cross section		0.34mm ²	0.34mm ²
Conductor structure		42x0.1mm	42x0.1mm

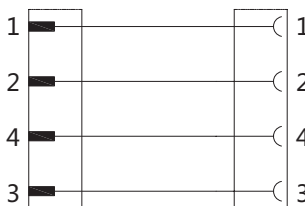
Assembly instruction



M12 Male, 4-pole
(A-coded)



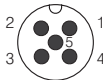
M12 Female, 4-pole
(A-coded)



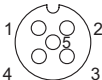
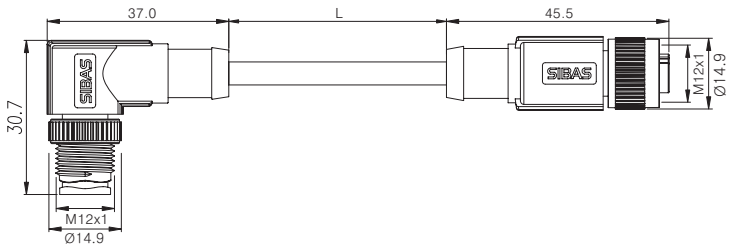
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 5poles	A	RPC-M12-5FS-1.5SH-M12-5MR-PUR	4176057015	RPC-M12-5FS-1.5SH-M12-5MR-PVC	4177057015
3.0m, 5poles	A	RPC-M12-5FS-3.0SH-M12-5MR-PUR	4176057030	RPC-M12-5FS-3.0SH-M12-5MR-PVC	4177057030
5.0m, 5poles	A	RPC-M12-5FS-5.0SH-M12-5MR-PUR	4176057050	RPC-M12-5FS-5.0SH-M12-5MR-PVC	4177057050
10m, 5poles	A	RPC-M12-5FS-10.0SH-M12-5MR-PUR	4176057100	RPC-M12-5FS-10.0SH-M12-5MR-PVC	4177057100

Technical data

	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C

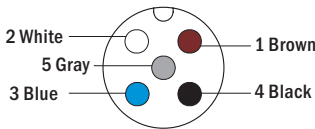
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

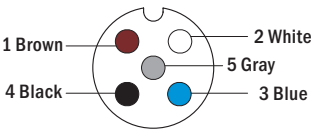
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

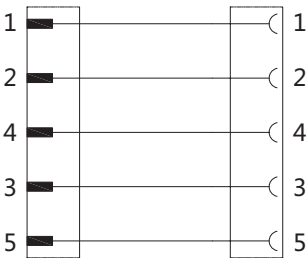
Assembly instruction



M12 Male, 5-pole
(A-coded)



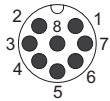
M12 Female, 5-pole
(A-coded)



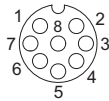
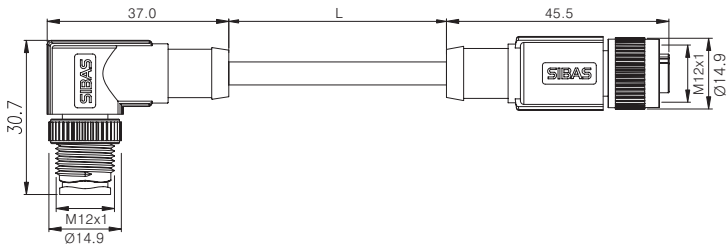
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

8poles



M12 Male, 8-pole
(A-coded)



M12 Female, 8-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 8poles	A	RPC-M12-8FS-1.5SH-M12-8MR-PUR	4176087015	RPC-M12-8FS-1.5SH-M12-8MR-PVC	4177087015
3.0m, 8poles	A	RPC-M12-8FS-3.0SH-M12-8MR-PUR	4176087030	RPC-M12-8FS-3.0SH-M12-8MR-PVC	4177087030
5.0m, 8poles	A	RPC-M12-8FS-5.0SH-M12-8MR-PUR	4176087050	RPC-M12-8FS-5.0SH-M12-8MR-PVC	4177087050
10m, 8poles	A	RPC-M12-8FS-10.0SH-M12-8MR-PUR	4176087100	RPC-M12-8FS-10.0SH-M12-8MR-PVC	4177087100

Technical data		PUR Cable	PVC Cable
Nominal current		2A	2A
Rated voltage		30V	30V
Contact resistance		≤5mΩ	≤5mΩ
Pollution degree		3	3
Degree of protection		IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C... +80°C	-10°C... +70°C
Cable, flexible installation	-5°C... +80°C	-5°C... +70°C
Ambient temperature	-25°C... +90°C	-25°C... +90°C

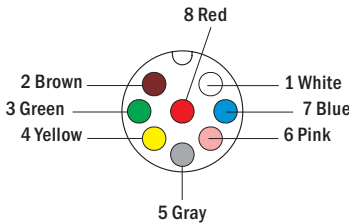
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

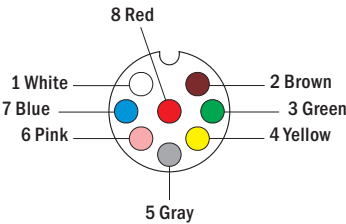
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

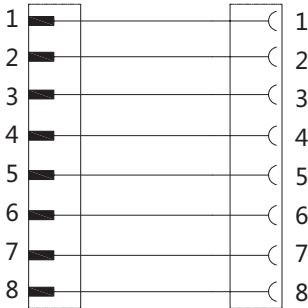
Assembly instruction



M12 Male, 8-pole
(A-coded)



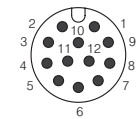
M12 Female, 8-pole
(A-coded)



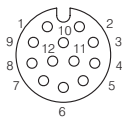
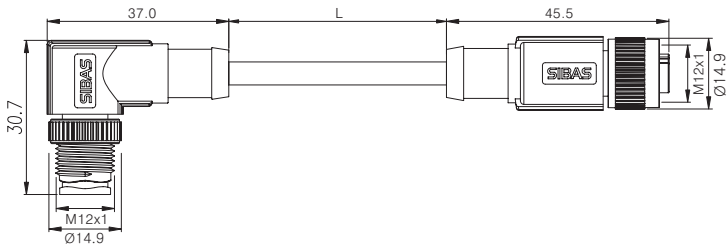
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description		PUR Cable		PVC Cable	
Cable length	Coding	Type	Order No.	Type	Order No.
1.5m, 12poles	A	RPC-M12-12MR-1.5SH-M12-12FS-PUR	4176127015	RPC-M12-12MR-1.5SH-M12-12FS-PVC	4177127015
3.0m, 12poles	A	RPC-M12-12MR-3.0SH-M12-12FS-PUR	4176127030	RPC-M12-12MR-3.0SH-M12-12FS-PVC	4177127030
5.0m, 12poles	A	RPC-M12-12MR-5.0SH-M12-12FS-PUR	4176127050	RPC-M12-12MR-5.0SH-M12-12FS-PVC	4177127050
10m, 12poles	A	RPC-M12-12MR-10.0SH-M12-12FS-PUR	4176127100	RPC-M12-12MR-10.0SH-M12-12FS-PVC	4177127100

Technical data

	PUR Cable	PVC Cable
Nominal current	1.5A	1.5A
Rated voltage	30V	30V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature

Cable, fixed installation	-40°C...+80°C	-10°C...+70°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C
Ambient temperature	-25°C...+90°C	-25°C...+90°C

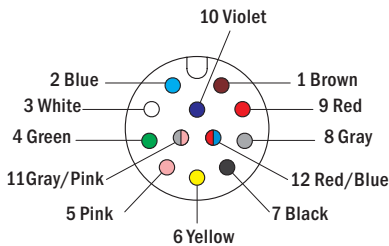
Connector data

Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

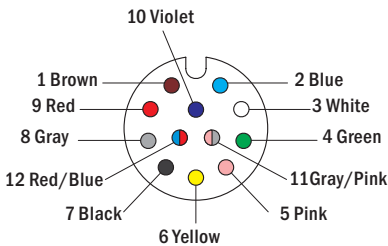
Cable data

Cable Jacket	PUR	PVC
Cable diameter	5.8mm	5.8mm
Wire cross section	0.14mm ²	0.14mm ²
Conductor structure	18x0.1mm	18x0.1mm

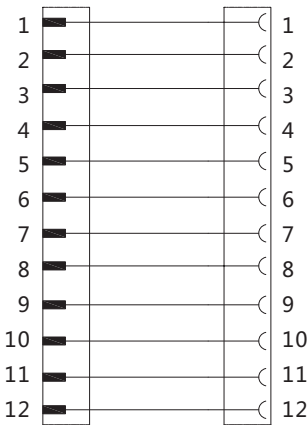
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



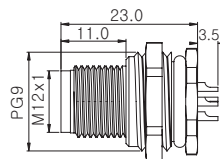
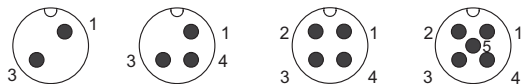
M12 base series

- 2,3,4,5,8,12 poles available
- Solder/Moulded
- Front mounting/Rear mounting
- Circular connector with M12X1 screw locking
- Degree of protection IP67
- Ambient temperature -25°C~85°C
- Plug design as per IEC61076-2-101



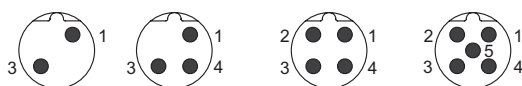
M12 Male Base Solder, Front mounting, PG9 fastening thread

2,3,4,5 poles (Male, A-coded)



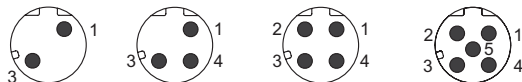
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	A	PG9	2-pole	RPC-M12-MF-2CON-PG9-LA	4152120280
Solder	A	PG9	3-pole	RPC-M12-MF-3CON-PG9-LA	4152120380
Front mounting	A	PG9	4-pole	RPC-M12-MF-4CON-PG9-LA	4152120480
PG9 fastening thread	A	PG9	5-pole	RPC-M12-MF-5CON-PG9-LA	4152120580

2,3,4,5 poles (Male, B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	B	PG9	2-pole	RPC-M12B-MF-2CON-PG9-LA	4154120280
Solder	B	PG9	3-pole	RPC-M12B-MF-3CON-PG9-LA	4154120380
Front mounting	B	PG9	4-pole	RPC-M12B-MF-4CON-PG9-LA	4154120480
PG9 fastening thread	B	PG9	5-pole	RPC-M12B-MF-5CON-PG9-LA	4154120580

2,3,4,5 poles (Male, D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	D	PG9	2-pole	RPC-M12D-MF-2CON-PG9-LA	4155120280
Solder	D	PG9	3-pole	RPC-M12D-MF-3CON-PG9-LA	4155120380
Front mounting	D	PG9	4-pole	RPC-M12D-MF-4CON-PG9-LA	4155120480
PG9 fastening thread	D	PG9	5-pole	RPC-M12D-MF-5CON-PG9-LA	4155120580

Technical data	2-pole	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A	4A
Rated voltage	250V	250V	250V	60V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

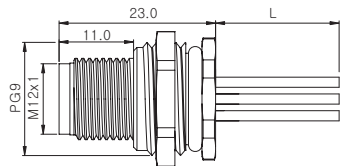
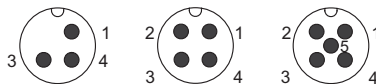
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Solder	Solder	Solder	Solder
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	24/18

M12 Male Base,Moulded,Front mounting,PG9 fastening thread,With wires

3,4,5 poles(Male,A-coded)



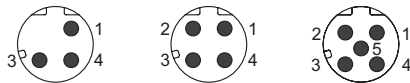
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Front mounting PG9 fastening Thread With wires	A	0.5m	3-pole	RPC-M12-MF-3CON-PG9-0.5LA	4158036005
	A	1.5m	3-pole	RPC-M12-MF-3CON-PG9-1.5LA	4158036015
	A	3.0m	3-pole	RPC-M12-MF-3CON-PG9-3.0LA	4158036030
	A	0.5m	4-pole	RPC-M12-MF-4CON-PG9-0.5LA	4158046005
	A	1.5m	4-pole	RPC-M12-MF-4CON-PG9-1.5LA	4158046015
	A	3.0m	4-pole	RPC-M12-MF-4CON-PG9-3.0LA	4158046030
	A	0.5m	5-pole	RPC-M12-MF-5CON-PG9-0.5LA	4158056005
	A	1.5m	5-pole	RPC-M12-MF-5CON-PG9-1.5LA	4158056015
	A	3.0m	5-pole	RPC-M12-MF-5CON-PG9-3.0LA	4158056030

3,4,5 poles(Male,B-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Front mounting PG9 fastening Thread With wires	B	0.5m	3-pole	RPC-M12B-MF-3CON-PG9-0.5LA	4158030005
	B	1.5m	3-pole	RPC-M12B-MF-3CON-PG9-1.5LA	4158030015
	B	3.0m	3-pole	RPC-M12B-MF-3CON-PG9-3.0LA	4158030030
	B	0.5m	4-pole	RPC-M12B-MF-4CON-PG9-0.5LA	4158040005
	B	1.5m	4-pole	RPC-M12B-MF-4CON-PG9-1.5LA	4158040015
	B	3.0m	4-pole	RPC-M12B-MF-4CON-PG9-3.0LA	4158040030
	B	0.5m	5-pole	RPC-M12B-MF-5CON-PG9-0.5LA	4158050005
	B	1.5m	5-pole	RPC-M12B-MF-5CON-PG9-1.5LA	4158050015
	B	3.0m	5-pole	RPC-M12B-MF-5CON-PG9-3.0LA	4158050030

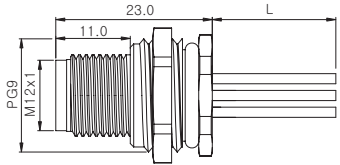
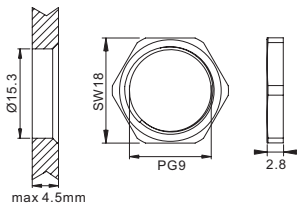
3,4,5 poles(Male,D-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Front mounting PG9 fastening Thread With wires	D	0.5m	3-pole	RPC-M12D-MF-3CON-PG9-0.5LA	4158031005
	D	1.5m	3-pole	RPC-M12D-MF-3CON-PG9-1.5LA	4158031015
	D	3.0m	3-pole	RPC-M12D-MF-3CON-PG9-3.0LA	4158031030
	D	0.5m	4-pole	RPC-M12D-MF-4CON-PG9-0.5LA	4158041005
	D	1.5m	4-pole	RPC-M12D-MF-4CON-PG9-1.5LA	4158041015
	D	3.0m	4-pole	RPC-M12D-MF-4CON-PG9-3.0LA	4158041030
	D	0.5m	5-pole	RPC-M12D-MF-5CON-PG9-0.5LA	4158051005
	D	1.5m	5-pole	RPC-M12D-MF-5CON-PG9-1.5LA	4158051015
	D	3.0m	5-pole	RPC-M12D-MF-5CON-PG9-3.0LA	4158051030

M12 Male Base,Moulded,Front mounting,PG9 fastening thread,With wires

Hole size



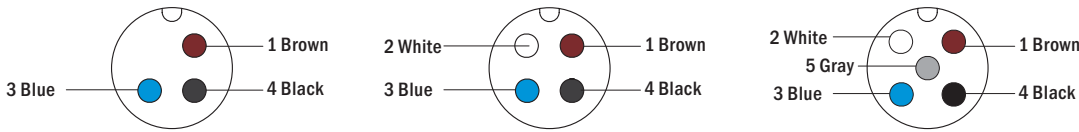
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data	3-pole	4-pole	5-pole
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

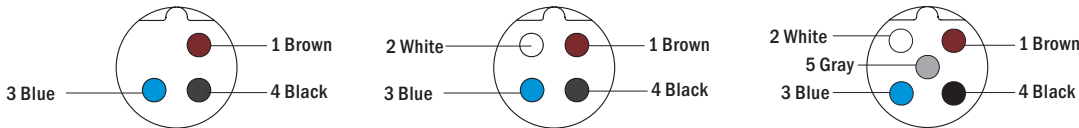
Connector data	3-pole	4-pole	5-pole
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

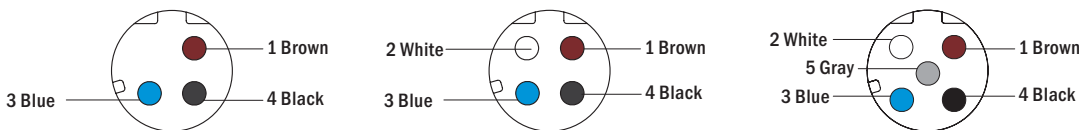
A-coded



B-coded

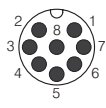


D-coded



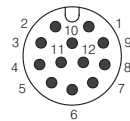
M12 Male Base,Moulded,Front mounting,PG9 fastening thread

8poles

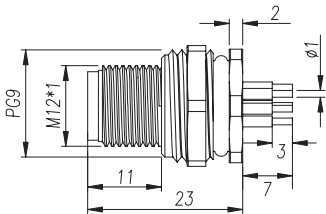


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Front mounting PG9 fastening Thread,With wires	A	PG9	8-pole	RPC-M12-MF-8CON-PG9-LA	4152120880

Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Front mounting PG9 fastening Thread,With wires	A	PG9	12-pole	RPC-M12-MF-12CON-PG9-LA	4152121280

Technical data

Nominal current

Rated voltage

Over voltage category

Contact resistance

Insulation resistance

Pollution degree

Degree of protection

Operation temperature

8-pole

2A

30V

II

$\leq 5m\Omega$

$> 100M\Omega$

3

IP67

-25°C~+85°C

12-pole

1.5A

30V

II

$\leq 5m\Omega$

$> 100M\Omega$

3

IP67

-25°C~+85°C

Mechanical data

Coding

Contact carrier material

Material contact/contact surface

Inflammability class in acc.with UL 94

A

PA/TPU

Cu Zn/Ag

HB

A

PA/TPU

Cu Zn/Ag

HB

Connector data

Type of connection

Wire Type

Connection cross-section

Connection cross-section AWG

Moulded

TPE litz wire

0.25mm²

24

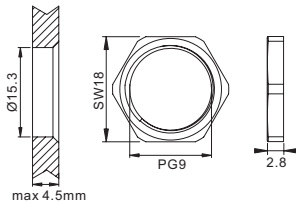
Moulded

TPE litz wire

0.14mm²

26

Assembly instruction



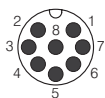
Hole size

M12 Series



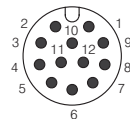
M12 Male Base,Moulded,Front mounting,PG9 fastening thread,With wires

8poles

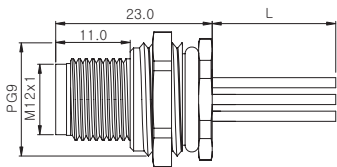


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Front mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-MF-8CON-PG9-0.5LA	4158086005
	A	1.5m	8-pole	RPC-M12-MF-8CON-PG9-1.5LA	4158086015
	A	3.0m	8-pole	RPC-M12-MF-8CON-PG9-3.0LA	4158086030

Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Front mounting PG9 fastening Thread, With wires	A	0.5m	12-pole	RPC-M12-MF-12CON-PG9-0.5LA	4158126005
	A	1.5m	12-pole	RPC-M12-MF-12CON-PG9-1.5LA	4158126015
	A	3.0m	12-pole	RPC-M12-MF-12CON-PG9-3.0LA	4158126030

Technical data

	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

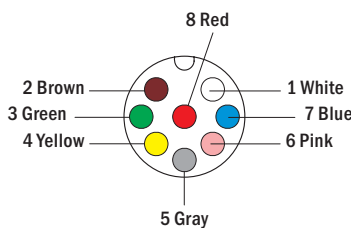
Mechanical data

Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

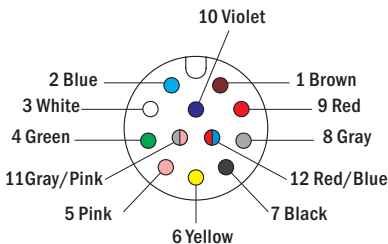
Connector data

Type of connection	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire
Connection cross-section	0.25mm ²	0.14mm ²
Connection cross-section AWG	24	26

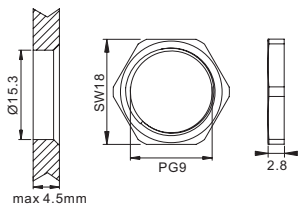
Assembly instruction



8poles



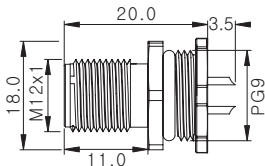
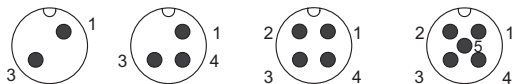
12poles



Hole size

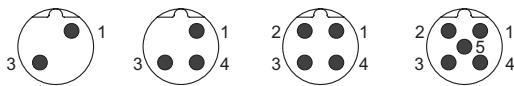
M12 Male Base Solder,Rear mounting,PG9 fastening thread

2,3,4,5 poles(Male,A-coded)



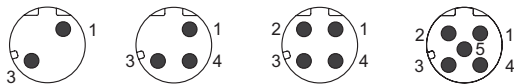
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	A	PG9	2-pole	RPC-M12-MB-2CON-PG9-LA	4142120280
Solder	A	PG9	3-pole	RPC-M12-MB-3CON-PG9-LA	4142120380
Rear mounting	A	PG9	4-pole	RPC-M12-MB-4CON-PG9-LA	4142120480
PG9 fastening thread	A	PG9	5-pole	RPC-M12-MB-5CON-PG9-LA	4142120580

2,3,4,5 poles(Male,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	B	PG9	2-pole	RPC-M12B-MB-2CON-PG9-LA	4144120280
Solder	B	PG9	3-pole	RPC-M12B-MB-3CON-PG9-LA	4144120380
Rear mounting	B	PG9	4-pole	RPC-M12B-MB-4CON-PG9-LA	4144120480
PG9 fastening thread	B	PG9	5-pole	RPC-M12B-MB-5CON-PG9-LA	4144120580

2,3,4,5 poles(Male,D-coded)

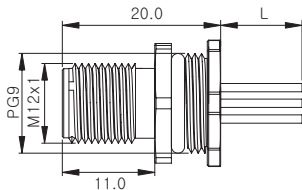
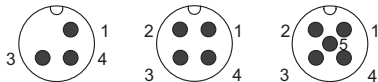


Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug	D	PG9	2-pole	RPC-M12D-MB-2CON-PG9-LA	4145120280
Solder	D	PG9	3-pole	RPC-M12D-MB-3CON-PG9-LA	4145120380
Rear mounting	D	PG9	4-pole	RPC-M12D-MB-4CON-PG9-LA	4145120480
PG9 fastening thread	D	PG9	5-pole	RPC-M12D-MB-5CON-PG9-LA	4145120580

Technical data	2-pole	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A	4A
Rated voltage	250V	250V	250V	60V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C
Mechanical data				
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB	HB
Connector data				
Type of connection	Solder	Solder	Solder	Solder
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²
Connection cross-section AWG min./max.	24/18	24/18	24/18	24/18

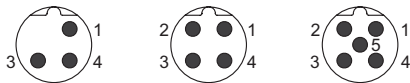
M12 Male Base, Moulded, Rear mounting, PG9 fastening thread, With wires

3,4,5 poles(Male,A-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With wires	A	0.5m	3-pole	RPC-M12-MB-3CON-PG9-0.5LA	4148036005
	A	1.5m	3-pole	RPC-M12-MB-3CON-PG9-1.5LA	4148036015
	A	3.0m	3-pole	RPC-M12-MB-3CON-PG9-3.0LA	4148036030
	A	0.5m	4-pole	RPC-M12-MB-4CON-PG9-0.5LA	4148046005
	A	1.5m	4-pole	RPC-M12-MB-4CON-PG9-1.5LA	4148046015
	A	3.0m	4-pole	RPC-M12-MB-4CON-PG9-3.0LA	4148046030
	A	0.5m	5-pole	RPC-M12-MB-5CON-PG9-0.5LA	4148056005
	A	1.5m	5-pole	RPC-M12-MB-5CON-PG9-1.5LA	4148056015
	A	3.0m	5-pole	RPC-M12-MB-5CON-PG9-3.0LA	4148056030

3,4,5 poles(Male,B-coded)



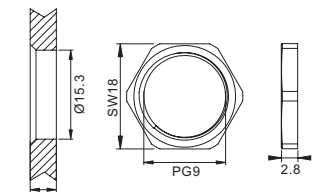
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With wires	B	0.5m	3-pole	RPC-M12B-MB-3CON-PG9-0.5LA	4148030005
	B	1.5m	3-pole	RPC-M12B-MB-3CON-PG9-1.5LA	4148030015
	B	3.0m	3-pole	RPC-M12B-MB-3CON-PG9-3.0LA	4148030030
	B	0.5m	4-pole	RPC-M12B-MB-4CON-PG9-0.5LA	4148040005
	B	1.5m	4-pole	RPC-M12B-MB-4CON-PG9-1.5LA	4148040015
	B	3.0m	4-pole	RPC-M12B-MB-4CON-PG9-3.0LA	4148040030
	B	0.5m	5-pole	RPC-M12B-MB-5CON-PG9-0.5LA	4148050005
	B	1.5m	5-pole	RPC-M12B-MB-5CON-PG9-1.5LA	4148050015
	B	3.0m	5-pole	RPC-M12B-MB-5CON-PG9-3.0LA	4148050030

3,4,5 poles(Male,D-coded)

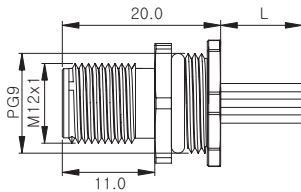


Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With wires	D	0.5m	3-pole	RPC-M12D-MB-3CON-PG9-0.5LA	4148031005
	D	1.5m	3-pole	RPC-M12D-MB-3CON-PG9-1.5LA	4148031015
	D	3.0m	3-pole	RPC-M12D-MB-3CON-PG9-3.0LA	4148031030
	D	0.5m	4-pole	RPC-M12D-MB-4CON-PG9-0.5LA	4148041005
	D	1.5m	4-pole	RPC-M12D-MB-4CON-PG9-1.5LA	4148041015
	D	3.0m	4-pole	RPC-M12D-MB-4CON-PG9-3.0LA	4148041030
	D	0.5m	5-pole	RPC-M12D-MB-5CON-PG9-0.5LA	4148051005
	D	1.5m	5-pole	RPC-M12D-MB-5CON-PG9-1.5LA	4148051015
	D	3.0m	5-pole	RPC-M12D-MB-5CON-PG9-3.0LA	4148051030

M12 Male Base,Moulded,Rear mounting,PG9 fastening thread,With wires



Hole size



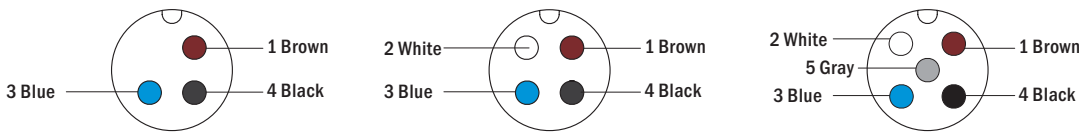
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

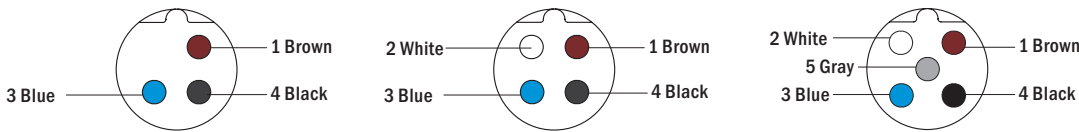
Connector data			
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

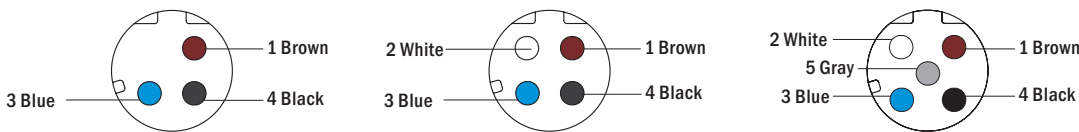
A-coded



B-coded

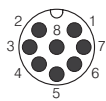


D-coded



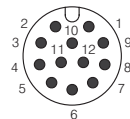
M12 Male Base,Moulded,Rear mounting,PG9 fastening thread

8poles

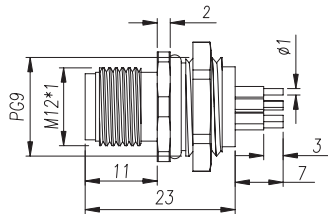


A-coded

12poles



A-coded

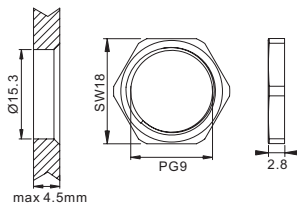


Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Rear mounting PG9 fastening Thread,With wires	A	PG9	8-pole	RPC-M12-MB-8CON-PG9-LA	4142120880

Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Rear mounting PG9 fastening Thread,With wires	A	PG9	12-pole	RPC-M12-MB-12CON-PG9-LA	4142121280

Technical data	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB
Connector data		
Type of connection	Solder	Solder
Connection cross-section min/max	0.14mm ² /0.34mm ²	0.08mm ² /0.25mm ²
Connection cross-section AWG min/max	26/22	28/24

Assembly instruction



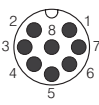
Hole size

M12 Series



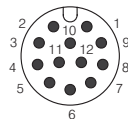
M12 Male Base,Solder,Rear mounting,PG9 fastening thread,With wires

8poles

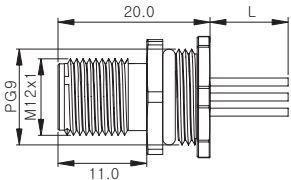


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Rear mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-MB-8CON-PG9-0.5LA	4148086005
	A	1.5m	8-pole	RPC-M12-MB-8CON-PG9-1.5LA	4148086015
	A	3.0m	8-pole	RPC-M12-MB-8CON-PG9-3.0LA	4148086030

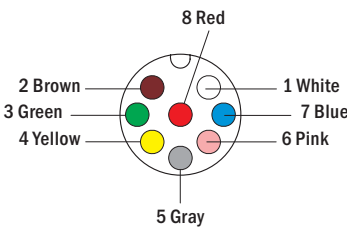
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Rear mounting PG9 fastening Thread, With wires	A	0.5m	12-pole	RPC-M12-MB-12CON-PG9-0.5LA	4148126005
	A	1.5m	12-pole	RPC-M12-MB-12CON-PG9-1.5LA	4148126015
	A	3.0m	12-pole	RPC-M12-MB-12CON-PG9-3.0LA	4148126030

Technical data	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

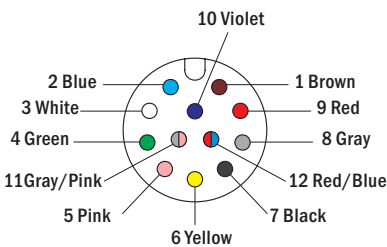
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire
Connection cross-section	0.25mm ²	0.14mm ²
Connection cross-section AWG	24	26

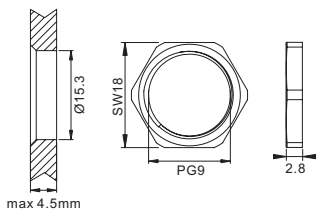
Assembly instruction



8poles



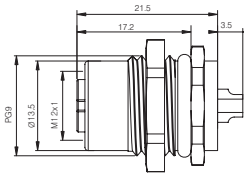
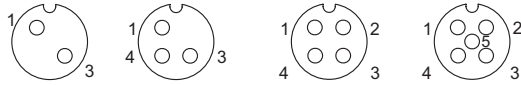
12poles



Hole size

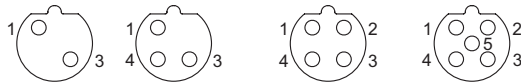
M12 Female Base Solder, Front mounting, PG9 fastening thread

2,3,4,5 poles (Female, A-coded)



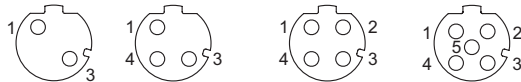
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	A	PG9	2-pole	RPC-M12-FF-2CON-PG9-LA	4152120290
Solder	A	PG9	3-pole	RPC-M12-FF-3CON-PG9-LA	4152120390
Front mounting	A	PG9	4-pole	RPC-M12-FF-4CON-PG9-LA	4152120490
Pg9 fastening thread	A	PG9	5-pole	RPC-M12-FF-5CON-PG9-LA	4152120590

2,3,4,5 poles (Female, B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	B	PG9	2-pole	RPC-M12B-FF-2CON-PG9-LA	4154120290
Solder	B	PG9	3-pole	RPC-M12B-FF-3CON-PG9-LA	4154120390
Front mounting	B	PG9	4-pole	RPC-M12B-FF-4CON-PG9-LA	4154120490
Pg9 fastening thread	B	PG9	5-pole	RPC-M12B-FF-5CON-PG9-LA	4154120590

2,3,4,5 poles (Female, D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	D	PG9	2-pole	RPC-M12D-FF-2CON-PG9-LA	4155120290
Solder	D	PG9	3-pole	RPC-M12D-FF-3CON-PG9-LA	4155120390
Front mounting	D	PG9	4-pole	RPC-M12D-FF-4CON-PG9-LA	4155120490
Pg9 fastening thread	D	PG9	5-pole	RPC-M12D-FF-5CON-PG9-LA	4155120590

Technical data	2-pole	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A	4A
Rated voltage	250V	250V	250V	60V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

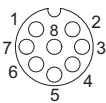
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Solder	Solder	Solder	Solder
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	24/18

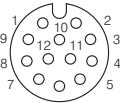
M12 Male Base,Solder,Front mounting,PG9 fastening thread

8poles

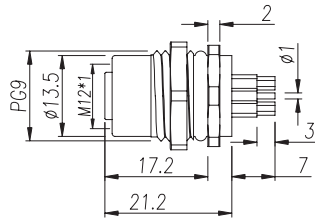


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Front mounting PG9 fastening Thread,With wires	A	PG9	8-pole	RPC-M12-FF-8CON-PG9-LA	4152120890

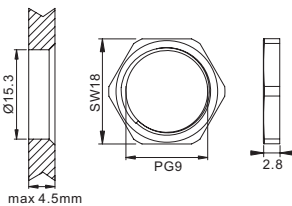
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug,Solder,Front mounting PG9 fastening Thread,With wires	A	PG9	12-pole	RPC-M12-FF-12CON-PG9-LA	4152121290

Technical data	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Moulded	Moulded
Connection cross-section	0.14mm ² /0.34mm ²	0.08mm ² /0.25mm ²
Connection cross-section AWG	26/22	28/24

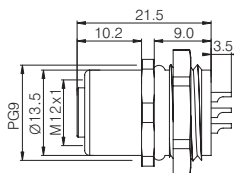
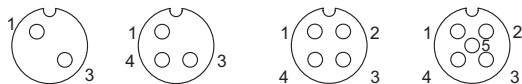
Assembly instruction



Hole size

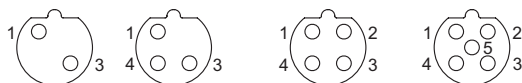
M12 Female Base Solder,Rear mounting,Pg9 fastening thread

2,3,4,5 poles(Female,A-coded)



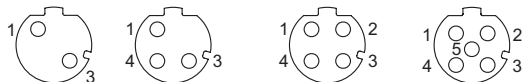
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	A	PG9	2-pole	RPC-M12-FB-2CON-PG9-LA	4142120290
Solder	A	PG9	3-pole	RPC-M12-FB-3CON-PG9-LA	4142120390
Rear mounting	A	PG9	4-pole	RPC-M12-FB-4CON-PG9-LA	4142120490
Pg9 fastening thread	A	PG9	5-pole	RPC-M12-FB-5CON-PG9-LA	4142120590

2,3,4,5 poles(Female,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	B	Pg9	2-pole	RPC-M12B-FB-2CON-PG9-LA	4144120290
Solder	B	PG9	3-pole	RPC-M12B-FB-3CON-PG9-LA	4144120390
Rear mounting	B	PG9	4-pole	RPC-M12B-FB-4CON-PG9-LA	4144120490
Pg9 fastening thread	B	PG9	5-pole	RPC-M12B-FB-5CON-PG9-LA	4144120590

2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket	D	PG9	2-pole	RPC-M12D-FB-2CON-PG9-LA	4145120290
Solder	D	PG9	3-pole	RPC-M12D-FB-3CON-PG9-LA	4145120390
Rear mounting	D	PG9	4-pole	RPC-M12D-FB-4CON-PG9-LA	4145120490
Pg9 fastening thread	D	PG9	5-pole	RPC-M12D-FB-5CON-PG9-LA	4145120590

Technical data	2-pole	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A	4A
Rated voltage	250V	250V	250V	60V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

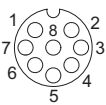
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/AU	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Solder	Solder	Solder	Solder
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	24/18

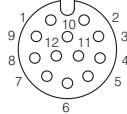
M12 Female Moulded Solder,Rear mounting,PG9 fastening thread

8poles

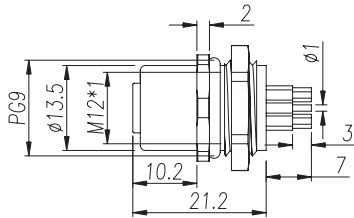


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket,Solder,Rear mounting PG9 fastening Thread,With wires	A	PG9	8-pole	RPC-M12-FB-8CON-PG9-LA	4142120890

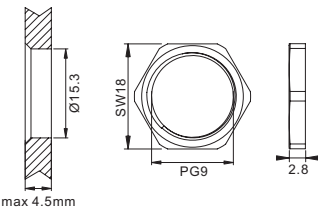
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket,Solder,Rear mounting PG9 fastening Thread,With wires	A	PG9	12-pole	RPC-M12-FB-8CON-PG9-0.5LA	4142121290

Technical data	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Solder	Solder
Connection cross-section	0.14mm ² /0.34mm ²	0.08mm ² /0.25mm ²
Connection cross-section AWG	26/22	28/24

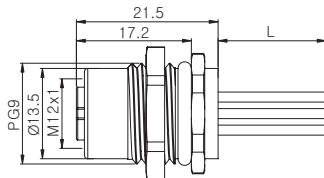
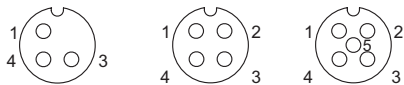
Assembly instruction



Hole size

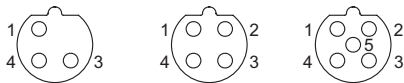
M12 Female Base, Moulded, Front mounting, PG9 fastening thread, With wires

3,4,5 poles(Female,A-coded)



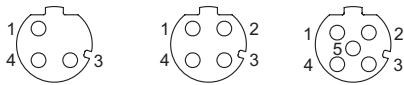
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With wire	A	0.5m	3-pole	RPC-M12-FF-3CON-PG9-0.5LA	4158037005
	A	1.5m	3-pole	RPC-M12-FF-3CON-PG9-1.5LA	4158037015
	A	3.0m	3-pole	RPC-M12-FF-3CON-PG9-3.0LA	4158037030
	A	0.5m	4-pole	RPC-M12-FF-4CON-PG9-0.5LA	4158047005
	A	1.5m	4-pole	RPC-M12-FF-4CON-PG9-1.5LA	4158047015
	A	3.0m	4-pole	RPC-M12-FF-4CON-PG9-3.0LA	4158047030
	A	0.5m	5-pole	RPC-M12-FF-5CON-PG9-0.5LA	4158057005
	A	1.5m	5-pole	RPC-M12-FF-5CON-PG9-1.5LA	4158057015
	A	3.0m	5-pole	RPC-M12-FF-5CON-PG9-3.0LA	4158057030

3,4,5 poles(Female,B-coded)



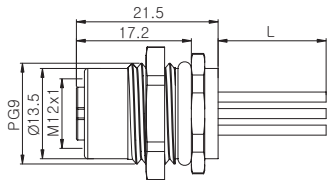
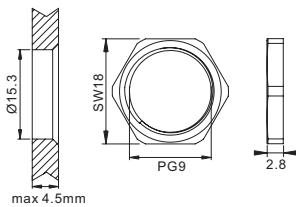
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With wire	B	0.5m	3-pole	RPC-M12B-FF-3CON-PG9-0.5LA	4158032005
	B	1.5m	3-pole	RPC-M12B-FF-3CON-PG9-1.5LA	4158032015
	B	3.0m	3-pole	RPC-M12B-FF-3CON-PG9-3.0LA	4158032030
	B	0.5m	4-pole	RPC-M12B-FF-4CON-PG9-0.5LA	4158042005
	B	1.5m	4-pole	RPC-M12B-FF-4CON-PG9-1.5LA	4158042015
	B	3.0m	4-pole	RPC-M12B-FF-4CON-PG9-3.0LA	4158042030
	B	0.5m	5-pole	RPC-M12B-FF-5CON-PG9-0.5LA	4158052005
	B	1.5m	5-pole	RPC-M12B-FF-5CON-PG9-1.5LA	4158052015
	B	3.0m	5-pole	RPC-M12B-FF-5CON-PG9-3.0LA	4158052030

3,4,5 poles(Female,D-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With wire	D	0.5m	3-pole	RPC-M12D-FF-3CON-PG9-0.5LA	4158031005
	D	1.5m	3-pole	RPC-M12D-FF-3CON-PG9-1.5LA	4158031015
	D	3.0m	3-pole	RPC-M12D-FF-3CON-PG9-3.0LA	4158031030
	D	0.5m	4-pole	RPC-M12D-FF-4CON-PG9-0.5LA	4158041005
	D	1.5m	4-pole	RPC-M12D-FF-4CON-PG9-1.5LA	4158041015
	D	3.0m	4-pole	RPC-M12D-FF-4CON-PG9-3.0LA	4158041030
	D	0.5m	5-pole	RPC-M12D-FF-5CON-PG9-0.5LA	4158051005
	D	1.5m	5-pole	RPC-M12D-FF-5CON-PG9-1.5LA	4158051015
	D	3.0m	5-pole	RPC-M12D-FF-5CON-PG9-3.0LA	4158051030

M12 Female Base,Moulded,Front mounting,PG9 fastening thread,With wires



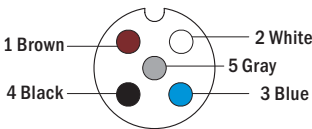
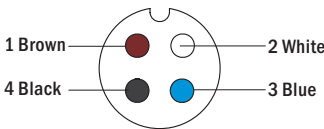
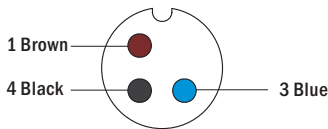
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

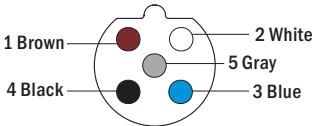
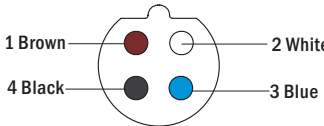
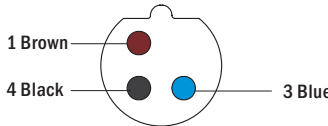
Connector data			
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

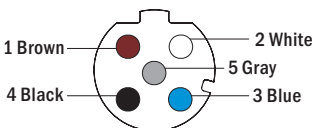
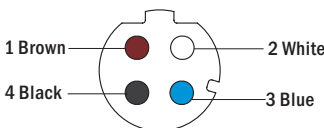
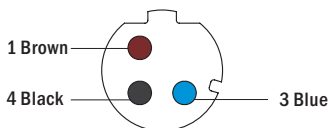
A-coded



B-coded



D-coded

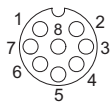


M12 Series



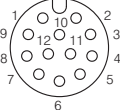
M12 Female Base,Solder,Front mounting,PG9 fastening thread,With wires

8poles

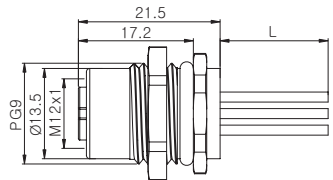


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Front mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-FF-8CON-PG9-0.5LA	4155087005
	A	1.5m	8-pole	RPC-M12-FF-8CON-PG9-1.5LA	4155087015
	A	3.0m	8-pole	RPC-M12-FF-8CON-PG9-3.0LA	4155087030

Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Front mounting PG9 fastening Thread, With wires	A	0.5m	12-pole	RPC-M12-FF-8CON-PG9-0.5LA	4155127005
	A	1.5m	12-pole	RPC-M12-FF-8CON-PG9-1.5LA	4155127015
	A	3.0m	12-pole	RPC-M12-FF-8CON-PG9-3.0LA	4155127030

Technical data

	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

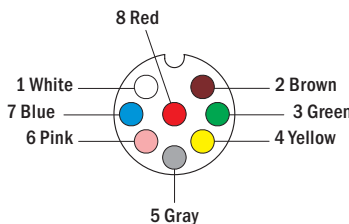
Mechanical data

Coding	A/B/D	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

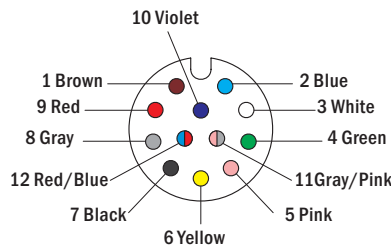
Connector data

Type of connection	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire
Connection cross-section	0.25mm ²	0.14mm ²
Connection cross-section AWG	24	26

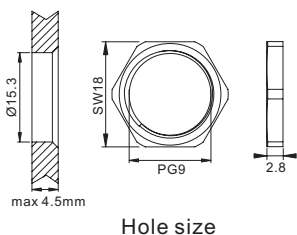
Assembly instruction



8poles



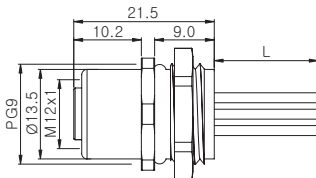
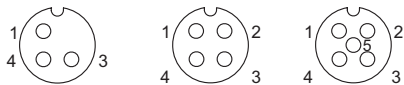
12poles



Hole size

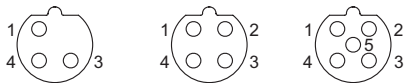
M12 Female Base, Moulded, Rear mounting, PG9 fastening thread, With wires

3,4,5 poles(Female,A-coded)



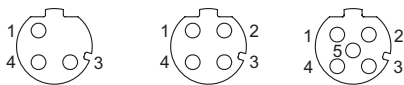
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Rear mounting PG9 fastning Thread With wire	A	0.5m	3-pole	RPC-M12-FB-3CON-PG9-0.5LA	4148037005
	A	1.5m	3-pole	RPC-M12-FB-3CON-PG9-1.5LA	4148037015
	A	3.0m	3-pole	RPC-M12-FB-3CON-PG9-3.0LA	4148037030
	A	0.5m	4-pole	RPC-M12-FB-4CON-PG9-0.5LA	4148047005
	A	1.5m	4-pole	RPC-M12-FB-4CON-PG9-1.5LA	4148047015
	A	3.0m	4-pole	RPC-M12-FB-4CON-PG9-3.0LA	4148047030
	A	0.5m	5-pole	RPC-M12-FB-5CON-PG9-0.5LA	4148057005
	A	1.5m	5-pole	RPC-M12-FB-5CON-PG9-1.5LA	4148057015
	A	3.0m	5-pole	RPC-M12-FB-5CON-PG9-3.0LA	4148057030

3,4,5 poles(Female,B-coded)



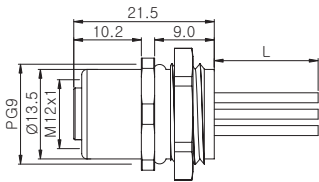
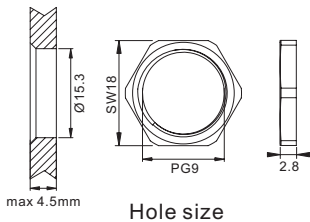
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Rear mounting PG9 fastning Thread With wire	B	0.5m	3-pole	RPC-M12B-FB-3CON-PG9-0.5LA	4148032005
	B	1.5m	3-pole	RPC-M12B-FB-3CON-PG9-1.5LA	4148032015
	B	3.0m	3-pole	RPC-M12B-FB-3CON-PG9-3.0LA	4148032030
	B	0.5m	4-pole	RPC-M12B-FB-4CON-PG9-0.5LA	4148042005
	B	1.5m	4-pole	RPC-M12B-FB-4CON-PG9-1.5LA	4148042015
	B	3.0m	4-pole	RPC-M12B-FB-4CON-PG9-3.0LA	4148042030
	B	0.5m	5-pole	RPC-M12B-FB-5CON-PG9-0.5LA	4148052005
	B	1.5m	5-pole	RPC-M12B-FB-5CON-PG9-1.5LA	4148052015
	B	3.0m	5-pole	RPC-M12B-FB-5CON-PG9-3.0LA	4148052030

3,4,5 poles(Female,D-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Rear mounting PG9 fastning Thread With wire	D	0.5m	3-pole	RPC-M12D-FB-3CON-PG9-0.5LA	4148031005
	D	1.5m	3-pole	RPC-M12D-FB-3CON-PG9-1.5LA	4148031015
	D	3.0m	3-pole	RPC-M12D-FB-3CON-PG9-3.0LA	4148031030
	D	0.5m	4-pole	RPC-M12D-FB-4CON-PG9-0.5LA	4148041005
	D	1.5m	4-pole	RPC-M12D-FB-4CON-PG9-1.5LA	4148041015
	D	3.0m	4-pole	RPC-M12D-FB-4CON-PG9-3.0LA	4148041030
	D	0.5m	5-pole	RPC-M12D-FB-5CON-PG9-0.5LA	4148051005
	D	1.5m	5-pole	RPC-M12D-FB-5CON-PG9-1.5LA	4148051015
	D	3.0m	5-pole	RPC-M12D-FB-5CON-PG9-3.0LA	4148051030

M12 Female Base,Moulded,Rear mounting,PG9 fastening thread,With wires



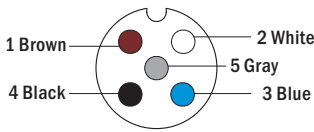
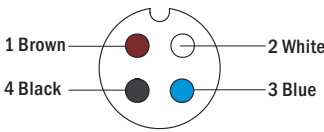
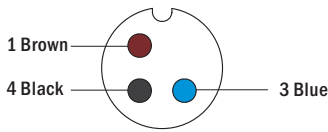
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

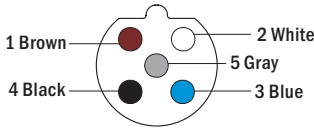
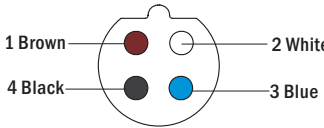
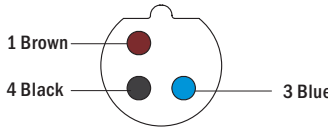
Connector data			
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

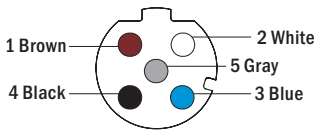
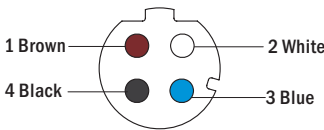
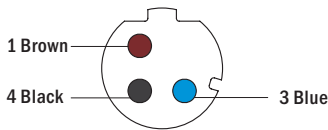
A-coded



B-coded

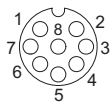


D-coded



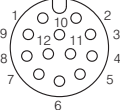
M12 Female Base,Moulded,Rear mounting,PG9 fastening thread,With wires

8poles

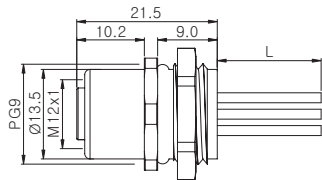


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Rear mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-FB-8CON-PG9-0.5LA	4148087005
	A	1.5m	8-pole	RPC-M12-FB-8CON-PG9-1.5LA	4148087015
	A	3.0m	8-pole	RPC-M12-FB-8CON-PG9-3.0LA	4148087030

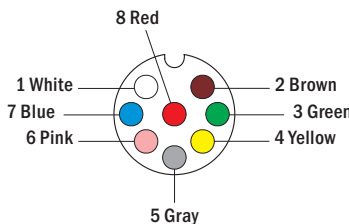
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Moulded Rear mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-FB-8CON-PG9-0.5LA	4148127005
	A	1.5m	8-pole	RPC-M12-FB-8CON-PG9-1.5LA	4148127015
	A	3.0m	8-pole	RPC-M12-FB-8CON-PG9-3.0LA	4148127030

Technical data	8-pole	12-pole
Nominal current	2A	1.5A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

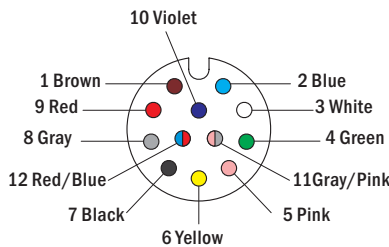
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire
Connection cross-section	0.25mm ²	0.14mm ²
Connection cross-section AWG	24	26

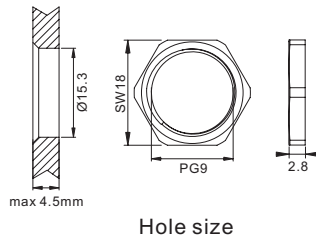
Assembly instruction



8poles



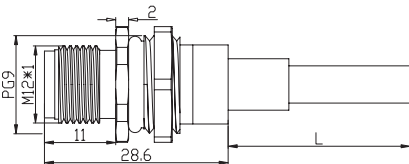
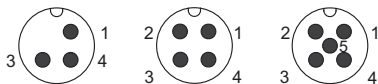
12poles



Hole size

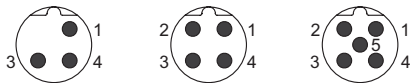
M12 Male Base, Moulded, Rear mounting, PG9 fastening thread, With Shielded cable

3,4,5 poles(Male,A-coded)



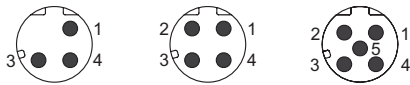
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With shielded Cable	A	0.5m	3-pole	RPC-M12-MB-3CON-PG9-0.5LH	4147036005
	A	1.5m	3-pole	RPC-M12-MB-3CON-PG9-1.5LH	4147036015
	A	3.0m	3-pole	RPC-M12-MB-3CON-PG9-3.0LH	4147036030
	A	0.5m	4-pole	RPC-M12-MB-4CON-PG9-0.5LH	4147046005
	A	1.5m	4-pole	RPC-M12-MB-4CON-PG9-1.5LH	4147046015
	A	3.0m	4-pole	RPC-M12-MB-4CON-PG9-3.0LH	4147046030
	A	0.5m	5-pole	RPC-M12-MB-5CON-PG9-0.5LH	4147056005
	A	1.5m	5-pole	RPC-M12-MB-5CON-PG9-1.5LH	4147056015
	A	3.0m	5-pole	RPC-M12-MB-5CON-PG9-3.0LH	4147056030

3,4,5 poles(Male,B-coded)



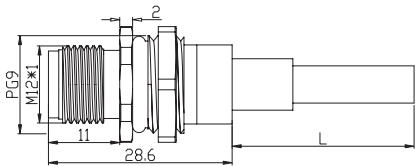
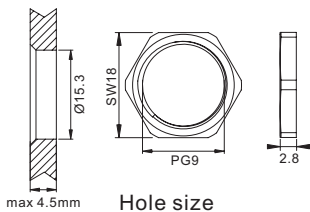
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With Shielded cable	B	0.5m	3-pole	RPC-M12B-MB-3CON-PG9-0.5LH	4147030005
	B	1.5m	3-pole	RPC-M12B-MB-3CON-PG9-1.5LH	4147030015
	B	3.0m	3-pole	RPC-M12B-MB-3CON-PG9-3.0LH	4147030030
	B	0.5m	4-pole	RPC-M12B-MB-4CON-PG9-0.5LH	4147040005
	B	1.5m	4-pole	RPC-M12B-MB-4CON-PG9-1.5LH	4147040015
	B	3.0m	4-pole	RPC-M12B-MB-4CON-PG9-3.0LH	4147040030
	B	0.5m	5-pole	RPC-M12B-MB-5CON-PG9-0.5LH	4147050005
	B	1.5m	5-pole	RPC-M12B-MB-5CON-PG9-1.5LH	4147050015
	B	3.0m	5-pole	RPC-M12B-MB-5CON-PG9-3.0LH	4148050030

3,4,5 poles(Male,D-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Moulded Rear mounting PG9 fastening Thread With Shielded cable	D	0.5m	3-pole	RPC-M12D-MB-3CON-PG9-0.5LH	4147031005
	D	1.5m	3-pole	RPC-M12D-MB-3CON-PG9-1.5LH	4147031015
	D	3.0m	3-pole	RPC-M12D-MB-3CON-PG9-3.0LH	4147031030
	D	0.5m	4-pole	RPC-M12D-MB-4CON-PG9-0.5LH	4147041005
	D	1.5m	4-pole	RPC-M12D-MB-4CON-PG9-1.5LH	4147041015
	D	3.0m	4-pole	RPC-M12D-MB-4CON-PG9-3.0LH	4147041030
	D	0.5m	5-pole	RPC-M12D-MB-5CON-PG9-0.5LH	4147051005
	D	1.5m	5-pole	RPC-M12D-MB-5CON-PG9-1.5LH	4147051015
	D	3.0m	5-pole	RPC-M12D-MB-5CON-PG9-3.0LH	4147051030

M12 Male Base,Moulded,Rear mounting,PG9 fastening thread,With Shielded cable



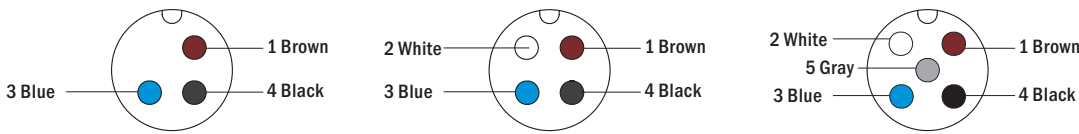
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

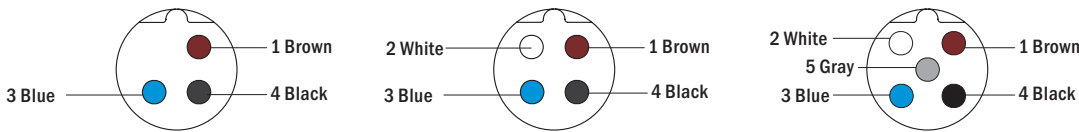
Connector data			
Type of connection	Moulded	Moulded	Moulded
Wire Type	PVC/PUR	PVC/PUR	PVC/PUR
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

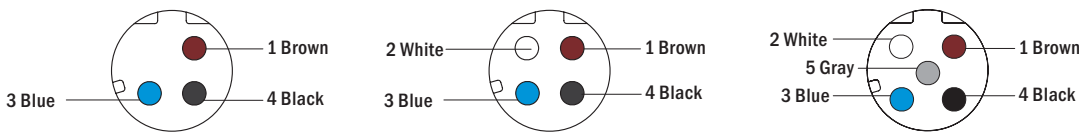
A-coded



B-coded

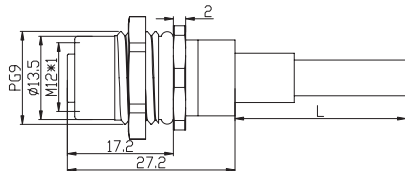
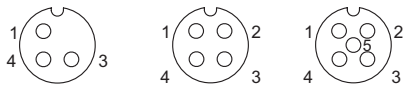


D-coded



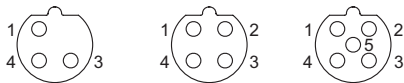
M12 Female Base, Moulded, Front mounting, PG9 fastening thread, With Shielded cable

3,4,5 poles(Female,A-coded)



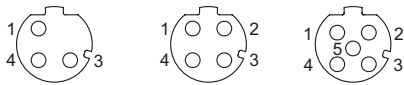
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With Shielded cable	A	0.5m	3-pole	RPC-M12-FF-3CON-PG9-0.5LH	4157037005
	A	1.5m	3-pole	RPC-M12-FF-3CON-PG9-1.5LH	4157037015
	A	3.0m	3-pole	RPC-M12-FF-3CON-PG9-3.0LH	4157037030
	A	0.5m	4-pole	RPC-M12-FF-4CON-PG9-0.5LH	4157047005
	A	1.5m	4-pole	RPC-M12-FF-4CON-PG9-1.5LH	4157047015
	A	3.0m	4-pole	RPC-M12-FF-4CON-PG9-3.0LH	4157047030
	A	0.5m	5-pole	RPC-M12-FF-5CON-PG9-0.5LH	4157057005
	A	1.5m	5-pole	RPC-M12-FF-5CON-PG9-1.5LH	4157057015
	A	3.0m	5-pole	RPC-M12-FF-5CON-PG9-3.0LH	4157057030

3,4,5 poles(Female,B-coded)



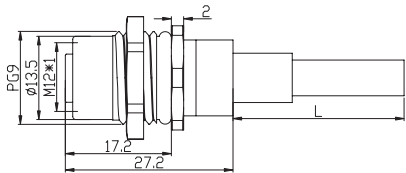
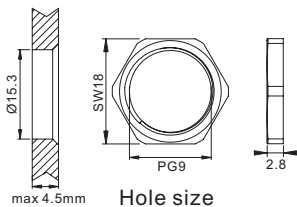
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With Shielded cable	B	0.5m	3-pole	RPC-M12B-FF-3CON-PG9-0.5LH	4157032005
	B	1.5m	3-pole	RPC-M12B-FF-3CON-PG9-1.5LH	4157032015
	B	3.0m	3-pole	RPC-M12B-FF-3CON-PG9-3.0LH	4157032030
	B	0.5m	4-pole	RPC-M12B-FF-4CON-PG9-0.5LH	4157042005
	B	1.5m	4-pole	RPC-M12B-FF-4CON-PG9-1.5LH	4157042015
	B	3.0m	4-pole	RPC-M12B-FF-4CON-PG9-3.0LH	4157042030
	B	0.5m	5-pole	RPC-M12B-FF-5CON-PG9-0.5LH	4157052005
	B	1.5m	5-pole	RPC-M12B-FF-5CON-PG9-1.5LH	4157052015
	B	3.0m	5-pole	RPC-M12B-FF-5CON-PG9-3.0LH	4157052030

3,4,5 poles(Female,D-coded)



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Moulded Front mounting PG9 fastning Thread With Shielded cable	D	0.5m	3-pole	RPC-M12D-FF-3CON-PG9-0.5LH	4157031005
	D	1.5m	3-pole	RPC-M12D-FF-3CON-PG9-1.5LH	4157031015
	D	3.0m	3-pole	RPC-M12D-FF-3CON-PG9-3.0LH	4157031030
	D	0.5m	4-pole	RPC-M12D-FF-4CON-PG9-0.5LH	4157041005
	D	1.5m	4-pole	RPC-M12D-FF-4CON-PG9-1.5LH	4157041015
	D	3.0m	4-pole	RPC-M12D-FF-4CON-PG9-3.0LH	4157041030
	D	0.5m	5-pole	RPC-M12D-FF-5CON-PG9-0.5LH	4157051005
	D	1.5m	5-pole	RPC-M12D-FF-5CON-PG9-1.5LH	4157051015
	D	3.0m	5-pole	RPC-M12D-FF-5CON-PG9-3.0LA	4157051030

M12 Female Base,Moulded,Front mounting,PG9 fastening thread,With Shielded cable



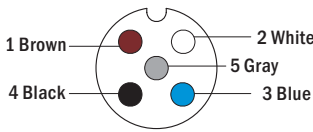
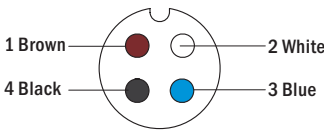
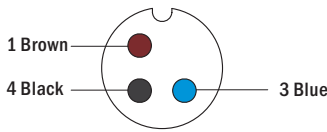
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

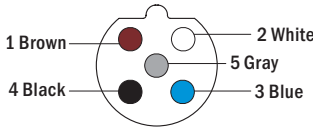
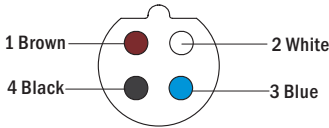
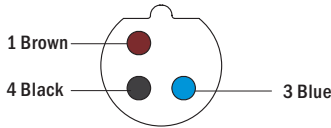
Connector data			
Type of connection	Moulded	Moulded	Moulded
Wire Type	PUR/PVC	PUR/PVC	PUR/PVC
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

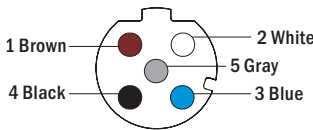
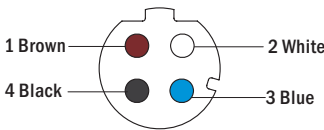
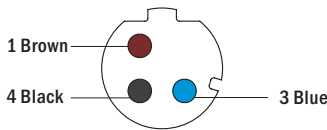
A-coded



B-coded

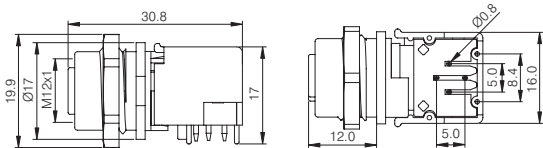
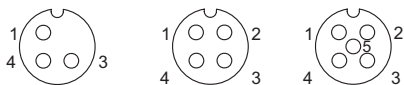


D-coded



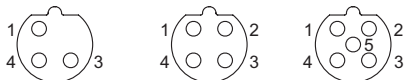
M12 Female Base Solder,90° connection

3,4,5 poles(Female,A-coded)



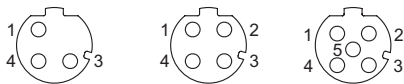
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket,solder Perpendicular PCB mounting	A	PG9	3-pole	RPC-M12-FB-3CON-PG9-LP	4192120390
	A	PG9	4-pole	RPC-M12-FB-4CON-PG9-LP	4192120490
	A	PG9	5-pole	RPC-M12-FB-5CON-PG9-LP	4192120590

3,4,5 poles(Female,B-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket,solder, Perpendicular PCB mounting	B	PG9	3-pole	RPC-M12B-FB-3CON-PG9-LP	4194120390
	B	PG9	4-pole	RPC-M12B-FB-4CON-PG9-LP	4194120490
	B	PG9	5-pole	RPC-M12B-FB-5CON-PG9-LP	4194120590

2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket,solder, Perpendicular PCB mounting	D	PG9	3-pole	RPC-M12D-FB-3CON-PG9-LP	4195120390
	D	PG9	4-pole	RPC-M12D-FB-4CON-PG9-LP	4195120490
	D	PG9	5-pole	RPC-M12D-FB-5CON-PG9-LP	4195120590

Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

Coding	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data

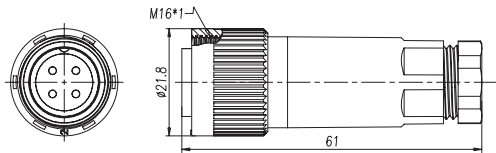
Type of connection	Solder PCB	Solder PCB	Solder PCB
--------------------	------------	------------	------------

M12 Series



M12 Male Screw connection, Straight, Quick contact

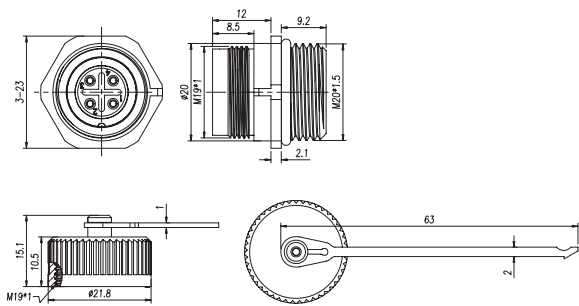
4 poles



Description	Screw type	Contacts	Type	Order No.
M12 Plug, Screw connection Straight, Plastic housing	PG9	4-pole	RPC-M12-MS-4CON-PG9-M2	4110020404

M12 Female Base, Quick contact

4 poles



Description	Wires length	Contacts	Type	Order No.
M12X1 Plug, Moulded	0.5m	4-pole	RPC-M12-MB-4CON-M20-0.5LA	4149047005
Front mounting	1.5m	4-pole	RPC-M12-MB-4CON-M20-1.5LA	4149047015
PG9 fastening Thread, With wires	3.0m	4-pole	RPC-M12-MB-4CON-M20-3.0LA	4149047030

Technical data

Nominal current	10A
Rated voltage	250V
Over voltage category	II
Contact resistance	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω
Pollution degree	2
Degree of protection	IP67
Operation temperature	-40°C~+125°C

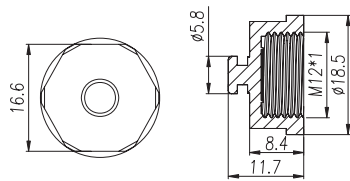
Mechanical data

Mechanical operation	>500
Contact carrier material	PC
Contact surface/plating	CuSn/Ag

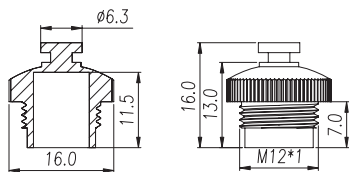
Connector data

Type of connection	Screw connection/Moulded
Cable diameter Pg9	6-8mm
Connection cross-section min./max.	0.34mm ² /1.5mm ²

Protection cap for M12 male connector



Protection cap for M12 female connector



Description	Screw type	Type	OrderNo.
Male plastic cover	M12	RPC-M12-MS-0CON-M12-M	4104000000
Female plastic cover	M12	RPC-M12-FS-0CON-M12-M	4114000010

Technical data

Pollution degree	3
Degree of protection	IP65
Operation temperature	-25℃~+85℃

Connector data

Contact carrier material	PA/TPU
Color	Black
Inflammability class in acc.with UL 94	HB

M12 Y/T distributor series

- 3,4,5 poles available
- Circular connector with M12X1 screw locking
- With self-locking threaded joint
- Degree of protection IP65/IP67
- Ambient temperature -25°C~90°C



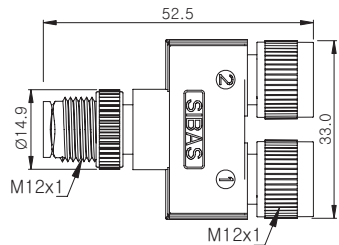
M12 Series



M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary

3,4,5poles

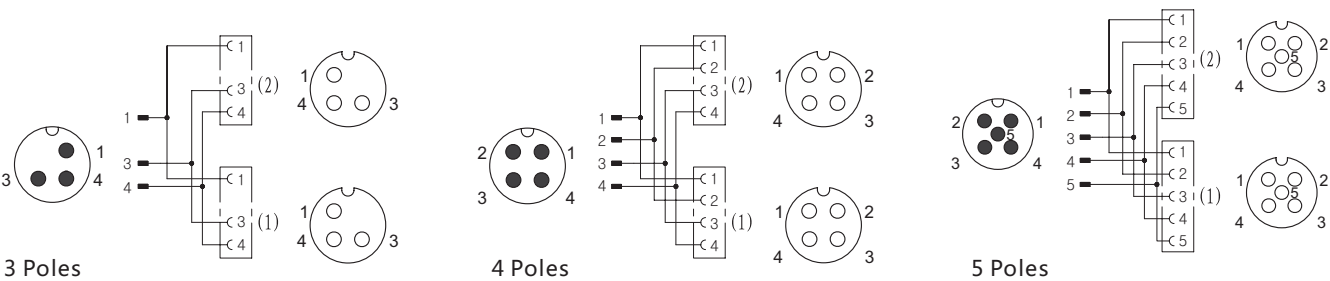


Description	Screw type	Contacts	Type	Order No.
M12 Plug on	M12	3-pole	RPC-M12-MS-3CON-M12-Y1	4186550380
2xM12 Socket	M12	4-pole	RPC-M12-MS-4CON-M12-Y1	4186550480
Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-Y1	4186550580

Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	60V	30V	30V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+90°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au	CuZn/Ni/Au	CuZn/Ni/Au
Material of grip body	TPU	TPU	TPU

Assembly instruction

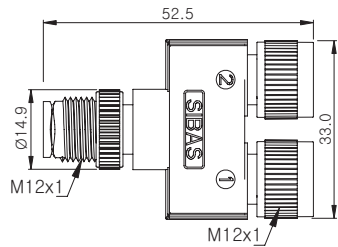


Contact assignment of M12 Y1 connector

M12 Series

M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket,Special
4 poles on 2x3ploes

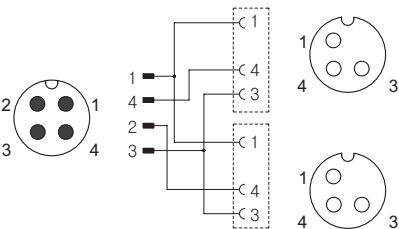


Description	Screw type	Contacts	Type	Order No.
M12 Plug on, 2xM12 Socket, Plastic housing	M12	4-pole	RPC-M12-MS-4CON-M12-Y2	4187550380

Technical data	4-pole
Nominal current	4A
Rated voltage	30V
Over voltage category	II
Contact resistance	≤5mΩ
Insulation resistance	>100MΩ
Pollution degree	3
Degree of protection	IP67
Operation temperature	-25℃~+85℃

Mechanical data	
Coding	A
Insulating material	PA/TPU
Contact material	Cu Sn
Contact surface material	CuZn/Ni/Au
Material of grip body	TPU

Assembly instruction



4 Poles on 2x3poles

Contact assignment of M12 Y2 connector

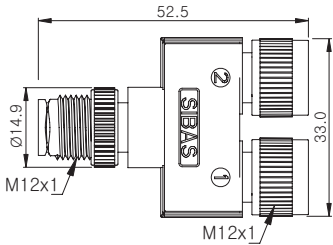
M12 Series



M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket,Special

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
M12 Plug on	M12	4-pole	RPC-M12-MS-4CON-M12-Y3	4187550480
2xM12 Socket,Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-Y3	4187550580

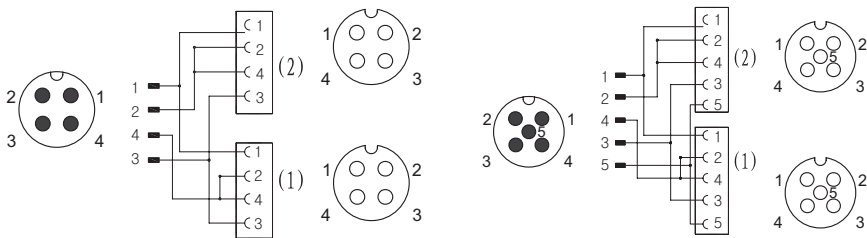
Technical data

	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	60V	30V	30V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+90°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au	CuZn/Ni/Au	CuZn/Ni/Au
Material of grip body	TPU	TPU	TPU

Assembly instruction



4 Poles

5 Poles

Contact assignment of M12 Y3 connector

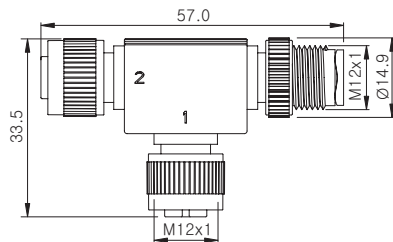
M12 Series



M12 T distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary

3,4,5poles

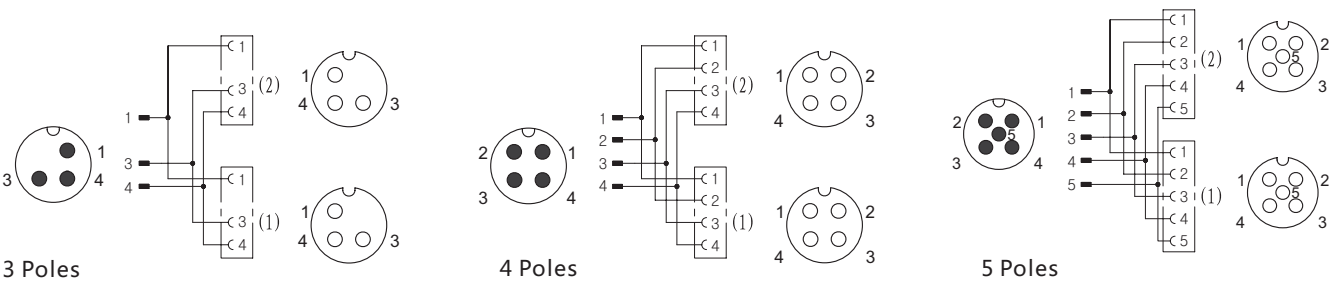


Description	Screw type	Contacts	Type	Order No.
M12 T distributors	M12	3-pole	RPC-M12-MS-3CON-M12-T1	4186650380
M12 Plug on	M12	4-pole	RPC-M12-MS-4CON-M12-T1	4186650480
2xM12 Socket,Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-T1	4186650580

Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	60V	30V	30V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ	>100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+90°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au	CuZn/Ni/Au	CuZn/Ni/Au
Material of grip body	TPU	TPU	TPU

Assembly instruction



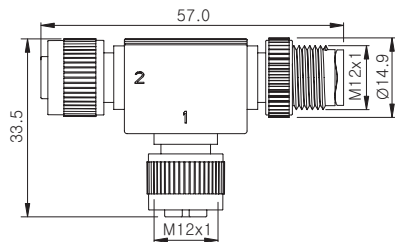
Contact assignment of M12 T1 connector

M12 Series



M12 T distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary
4 poles on 2x3poles

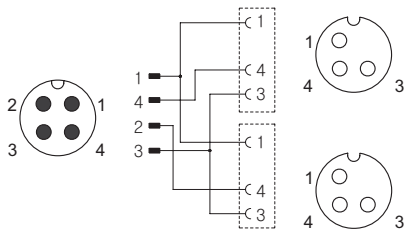


Description	Screw type	Contacts	Type	Order No.
M12 T distributors,M12 Plug on 2xM12 Socket,Plastic housing	M12	4-pole	RPC-M12-MS-4CON-M12-T2	4187650380

Technical data	4-pole
Nominal current	4A
Rated voltage	30V
Over voltage category	II
Contact resistance	≤5mΩ
Insulation resistance	>100MΩ
Pollution degree	3
Degree of protection	IP67
Operation temperature	-25℃~+85℃

Mechanical data	
Coding	A
Insulating material	PA/TPU
Contact material	Cu Sn
Contact surface material	CuZn/Ni/Au
Material of grip body	TPU

Assembly instruction



4 Poles

Contact assignment of M12 T2 connector

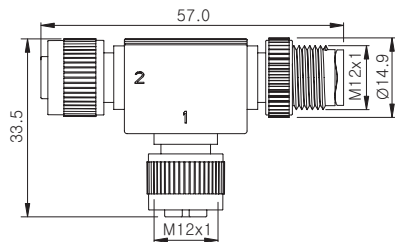
M12 Series



M12 T distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary

4,5poles

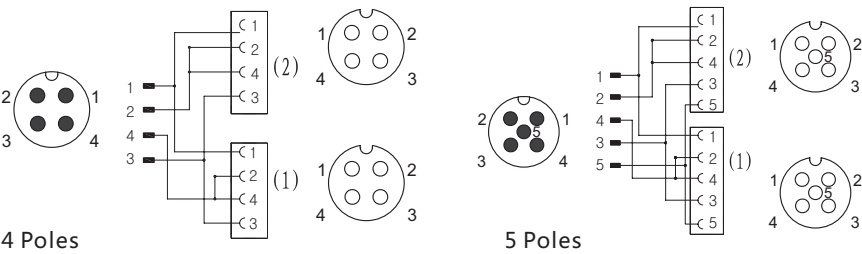


Description	Screw type	Contacts	Type	Order No.
M12 T distributors,M12 Plug on 2xM12 Socket,Plastic housing	M12	4-pole	RPC-M12-MS-4CON-M12-T3	4187650480
	M12	5-pole	RPC-M12-MS-5CON-M12-T3	4187650580

Technical data	4-pole	5-pole
Nominal current	4A	4A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	>100MΩ	>100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

Mechanical data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au	CuZn/Ni/Au
Material of grip body	TPU	TPU

Assembly instruction



Contact assignment of M12 T3 connector

M16 circular connectors series

- 3,4,5,6,7,8,12 poles available
- Circular connector with M16x0.75 screw locking
- Degree of protection IP67
- Ambient temperature -40°C~125°C
- Connector with screw locking according to IEC 130-9

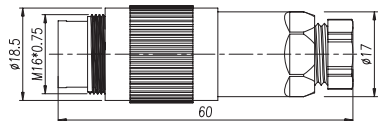
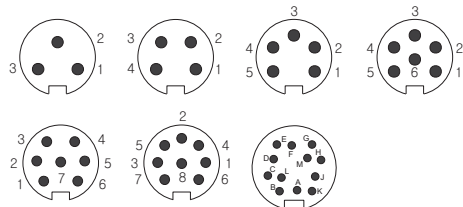


M16 Series



M16 Male, Solder, Straight, Shielded

3,4,5,6,7,8,12 poles



Description	Screw type	Contacts	Type	Order No.
M16 Plug, Shielded, Solder, Straight, Metal housing	PG7	3-pole	RPC-M16-MS-3CON-PG7-SH	4610110382
	PG9	3-pole	RPC-M16-MS-3CON-PG9-SH	4610120382
	PG7	4-pole	RPC-M16-MS-4CON-PG7-SH	4610110482
	PG9	4-pole	RPC-M16-MS-4CON-PG9-SH	4610120482
	PG7	5-pole	RPC-M16-MS-5CON-PG7-SH	4610110582
	PG9	5-pole	RPC-M16-MS-5CON-PG9-SH	4610120582
	PG7	6-pole	RPC-M16-MS-6CON-PG7-SH	4610110682
	PG9	6-pole	RPC-M16-MS-6CON-PG9-SH	4610120682
	PG7	7-pole	RPC-M16-MS-7CON-PG7-SH	4610110782
	PG9	7-pole	RPC-M16-MS-7CON-PG9-SH	4610120782
	PG7	8-pole	RPC-M16-MS-8CON-PG7-SH	4610110882
	PG9	8-pole	RPC-M16-MS-8CON-PG9-SH	4610120882
	PG9	12-pole	RPC-M16-MS-12CON-PG9-SH	4610121282

Technical data	3/4/5-pole	6/7-pole	8/12-pole
Number of contacts	7A/6A	5A	5A/3A
Nominal current	250V	125V	60V
Rated voltage	II	II	II
Over voltage category	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$
Contact resistance	$> 10^{10}\Omega$	$> 10^{10}\Omega$	$> 10^{10}\Omega$
Insulation resistance	2	2	2
Pollution degree	IP67	IP67	IP67
Degree of protection	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data			
Mechanical operation	>500	>500	>500
Contact carrier material	PBT	PBT	PBT
Contact surface/plating	Cu Sn/Ag	Cu Sn/Ag	Cu Sn/Ag

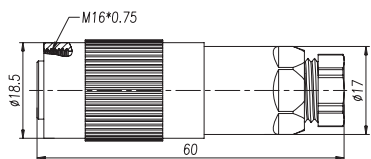
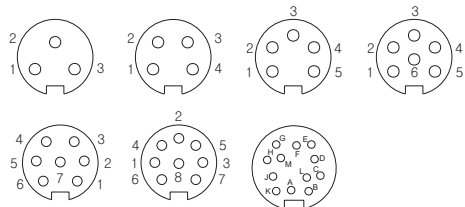
Connector data			
Type of connection	Solder	Solder	Solder
Cable diameter PG7	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-9mm	6-9mm	6-9mm
Connection cross-section max	0.75mm ²	0.75mm ²	0.25mm ²

M16 Series



M16 Female, Solder, Straight, Shielded

3,4,5,6,7,8,12 poles



Description	Screw type	Contacts	Type	Order No.
M16 Solder Shielded Solder Straight Metal housing	PG7	3-pole	RPC-M16-FS-3CON-PG7-SH	4600110392
	PG9	3-pole	RPC-M16-FS-3CON-PG9-SH	4600120392
	PG7	4-pole	RPC-M16-FS-4CON-PG7-SH	4600110492
	PG9	4-pole	RPC-M16-FS-4CON-PG9-SH	4600120492
	PG7	5-pole	RPC-M16-FS-5CON-PG7-SH	4600110592
	PG9	5-pole	RPC-M16-FS-5CON-PG9-SH	4600120592
	PG7	6-pole	RPC-M16-FS-6CON-PG7-SH	4600110692
	PG9	6-pole	RPC-M16-FS-6CON-PG9-SH	4600120692
	PG7	7-pole	RPC-M16-FS-7CON-PG7-SH	4600110792
	PG9	7-pole	RPC-M16-FS-7CON-PG9-SH	4600120792
	PG7	8-pole	RPC-M16-FS-8CON-PG7-SH	4600110892
	PG9	8-pole	RPC-M16-FS-8CON-PG9-SH	4600120892
	PG9	12-pole	RPC-M16-FS-12CON-PG9-SH	4600121292

Technical data

	3/4/5-pole	6/7-pole	8/12-pole
Number of contacts	7A/6A	5A	5A/3A
Nominal current	250V	125V	60V
Rated voltage	II	II	II
Over voltage category	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$
Contact resistance	$> 10^{10}\Omega$	$> 10^{10}\Omega$	$> 10^{10}\Omega$
Insulation resistance	2	2	2
Pollution degree	IP67	IP67	IP67
Degree of protection	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data

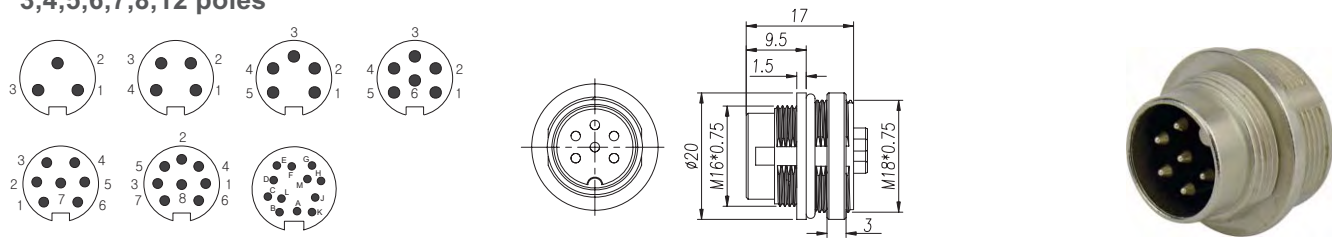
Mechanical operation	>500	>500	>500
Contact carrier material	PBT	PBT	PBT
Contact surface/plating	Cu Sn/Ag	Cu Sn/Ag	Cu Sn/Ag

Connector data

Type of connection	Solder	Solder	Solder
Cable diameter PG7	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-9mm	6-9mm	6-9mm
Connection cross-section max	0.75mm ²	0.75mm ²	0.25mm ²

M16 Male Base, Solder,Rear mounting,M18 fastening thread

3,4,5,6,7,8,12 poles



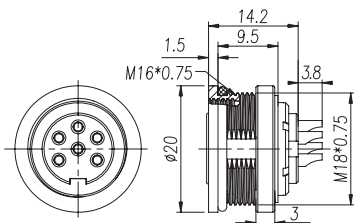
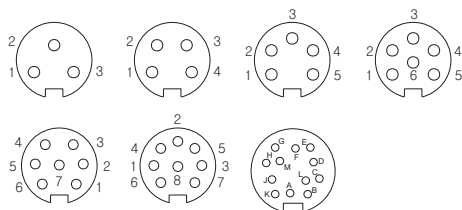
Description	Screw type	Contacts	Type	Order No.
M16 Plug Solder Rear mounting Metal housing	PG9	3-pole	RPC-M16-MB-3CON-M18-LA	4642180380
	PG9	4-pole	RPC-M16-MB-4CON-M18-LA	4642180480
	PG9	5-pole	RPC-M16-MB-5CON-M18-LA	4642180580
	PG9	6-pole	RPC-M16-MB-6CON-M18-LA	4642180680
	PG9	7-pole	RPC-M16-MB-7CON-M18-LA	4642180780
	PG9	8-pole	RPC-M16-MB-8CON-M18-LA	4642180880
	PG9	12-pole	RPC-M16-MB-12CON-M18-LA	4642181280
Technical data	3/4/5-pole	6/7-pole	8/12-pole	
Number of contacts	7A/6A	5A	5A/3A	
Nominal current	250V	125V	60V	
Rated voltage	II	II	II	
Over voltage category	≤3mΩ	≤3mΩ	≤3mΩ	
Contact resistance	>10 ¹⁰ Ω	>10 ¹⁰ Ω	>10 ¹⁰ Ω	
Insulation resistance	2	2	2	
Pollution degree	IP67	IP67	IP67	
Degree of protection	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	
Mechanical data				
Mechanical operation	>500	>500	>500	
Contact carrier material	PBT	PBT	PBT	
Contact surface/plating	Cu Sn/Ag	Cu Sn/Ag	Cu Sn/Ag	
Connector data				
Type of connection	Solder	Solder	Solder	
Cable diameter PG7	4-6mm	4-6mm	4-6mm	
Cable diameter PG9	6-9mm	6-9mm	6-9mm	
Connection cross-section max	0.75mm ²	0.75mm ²	0.25mm ²	

M16 Series



M16 Female Base, Solder,Rear mounting,M18 fastening thread

3,4,5,6,7,8,12 poles



Description	Screw type	Contacts	Type	Order No.
M16 Plug Solder Rear mounting Metal housing	PG11	3-pole	RPC-M16-FB-3CON-M18-LA	4642180390
	PG11	4-pole	RPC-M16-FB-4CON-M18-LA	4642180490
	PG11	5-pole	RPC-M16-FB-5CON-M18-LA	4642180590
	PG11	6-pole	RPC-M16-FB-6CON-M18-LA	4642180690
	PG11	7-pole	RPC-M16-FB-7CON-PM18-LA	4642180790
	PG11	8-pole	RPC-M16-FB-8CON-M18-LA	4642180890
	PG11	12-pole	RPC-M16-FB-12CON-M18-LA	4642181290
Technical data	3/4/5-pole	6/7-pole	8/12-pole	
Number of contacts	7A/6A	5A	5A/3A	
Nominal current	250V	125V	60V	
Rated voltage	II	II	II	
Over voltage category	≤3mΩ	≤3mΩ	≤3mΩ	
Contact resistance	>10 ¹⁰ Ω	>10 ¹⁰ Ω	>10 ¹⁰ Ω	
Insulation resistance	2	2	2	
Pollution degree	IP67	IP67	IP67	
Degree of protection	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	
Mechanical data				
Mechanical operation	>500	>500	>500	
Contact carrier material	PBT	PBT	PBT	
Contact surface/plating	Cu Sn/Ag	Cu Sn/Ag	Cu Sn/Ag	
Connector data				
Type of connection	Solder	Solder	Solder	
Cable diameter PG7	4-6mm	4-6mm	4-6mm	
Cable diameter PG9	6-9mm	6-9mm	6-9mm	
Connection cross-section max	0.75mm ²	0.75mm ²	0.25mm ²	

M16 Series

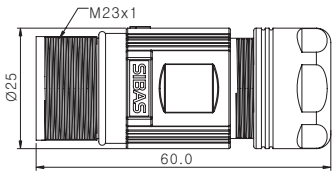
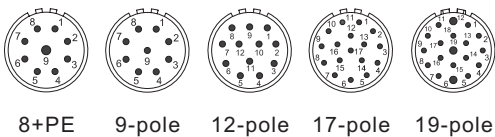
M23 series

- Signal series: 8+PE, 9, 12, 17, 19 poles available
- Power series: 6, 8 poles available
- Signal/Power
- Solder/Moulded
- Circular connector with M23x1 screw locking
- Pinout type: Clockwise/Counter-clockwise
- Degree of protection IP67
- Ambient temperature -40°C~125°C



M23 Signal Male, Moulded, Straight, Shielded, Clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

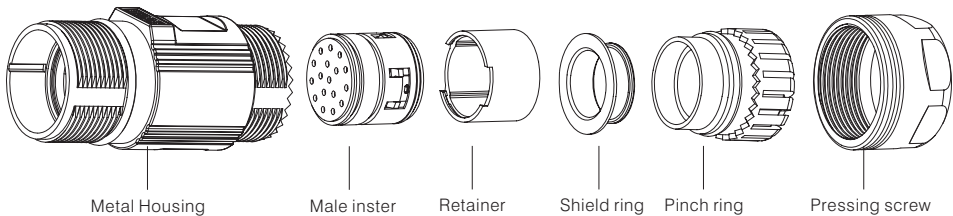
Description	Screw type	Contacts	Type	Order No.
M23Plug Shielded Moulded Straight Metal housing	PG9	8+PE	RPC-M23-MSA-9CON1-PG9-SH	4318120961
	PG11	8+PE	RPC-M23-MSA-9CON1-PG11-SH	4318130961
	PG9	9-pole	RPC-M23-MSA-9CON-PG9-SH	4318120962
	PG11	9-pole	RPC-M23-MSA-9CON-PG11-SH	4318130962
	PG9	12-pole	RPC-M23-MSA-12CON-PG9-SH	4318121262
	PG11	12-pole	RPC-M23-MSA-12CON-PG11-SH	4318131262
	PG9	17-pole	RPC-M23-MSA-17CON-PG9-SH	4318121762
	PG11	17-pole	RPC-M23-MSA-17CON-PG11-SH	4318131762
	PG9	19-pole	RPC-M23-MSA-19CON-PG9-SH	4318121962
	PG11	19-pole	RPC-M23-MSA-19CON-PG11-SH	4318131962

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A	20A	8A	8A	8A	8A 10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

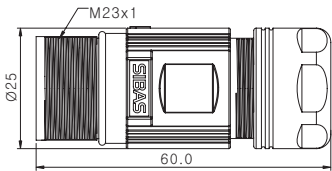
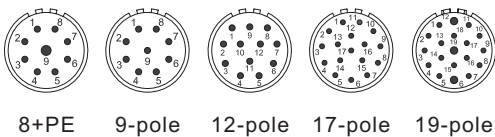
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter PG9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter PG11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Male, Moulded, Straight, Shielded, Counter-clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

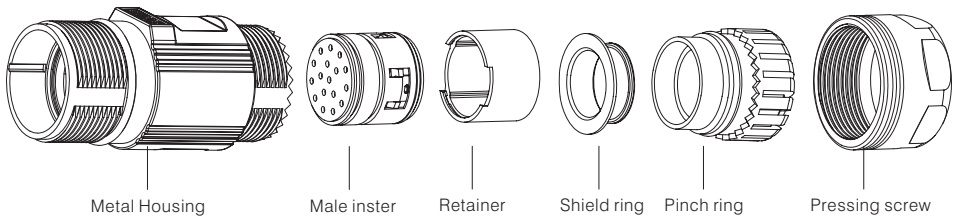
Description	Screw type	Contacts	Type	Order No.
M23Plug Shielded Moulded Straight Metal housing	PG9	8+PE	RPC-M23-MSI-9CON1-PG9-SH	4319120961
	PG11	8+PE	RPC-M23-MSI-9CON1-PG11-SH	4319130961
	PG9	9-pole	RPC-M23-MSI-9CON-PG9-SH	4319120962
	PG11	9-pole	RPC-M23-MSI-9CON-PG11-SH	4319130962
	PG9	12-pole	RPC-M23-MSI-12CON-PG9-SH	4319121262
	PG11	12-pole	RPC-M23-MSI-12CON-PG11-SH	4319131262
	PG9	17-pole	RPC-M23-MSI-17CON-PG9-SH	4319121762
	PG11	17-pole	RPC-M23-MSI-17CON-PG11-SH	4319131762
	PG9	19-pole	RPC-M23-MSI-19CON-PG9-SH	4319121962
	PG11	19-pole	RPC-M23-MSI-19CON-PG11-SH	4319131962

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A	20A	8A	8A	8A	8A 10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data					
Pinout type	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

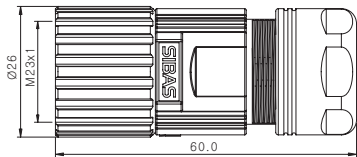
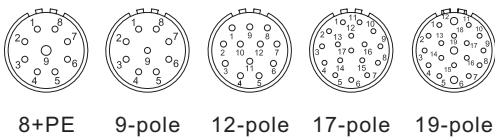
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Moulded, Straight, Shielded, Clockwise

8+PE, 9, 12, 17, 19 poles



Order crimp contacts separately,
contacts in page 08.21

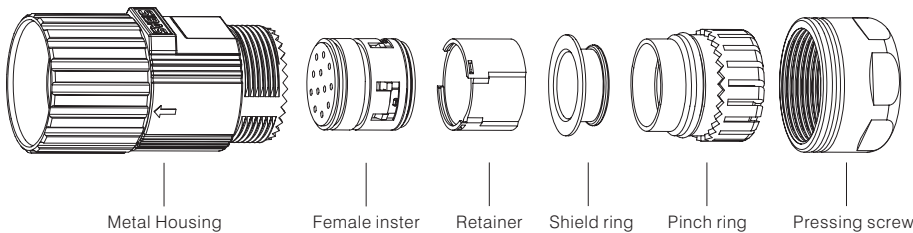
Description	Screw type	Contacts	Type	Order No.
M23Plug Shielded Moulded Straight Metal housing	PG9	8+PE	RPC-M23-FSA-9CON-PG9-SH	4308120971
	PG11	8+PE	RPC-M23-FSA-9CON-PG11-SH	4308130971
	PG9	9-pole	RPC-M23-FSA-9CON-PG9-SH	4308120972
	PG11	9-pole	RPC-M23-FSA-9CON-PG11-SH	4308130972
	PG9	12-pole	RPC-M23-FSA-12CON-PG9-SH	4308121272
	PG11	12-pole	RPC-M23-FSA-12CON-PG11-SH	4308131272
	PG9	17-pole	RPC-M23-FSA-17CON-PG9-SH	4308121772
	PG11	17-pole	RPC-M23-FSA-17CON-PG11-SH	4308131772
	PG9	19-pole	RPC-M23-FSA-19CON-PG9-SH	4308121972
	PG11	19-pole	RPC-M23-FSA-19CON-PG11-SH	4308131972

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole	
Nominal current	8A	20A	8A	8A	8A	8A	10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm	1.5mm
Rated voltage	200V		200V	200V	160V	100V	
Over voltage category	II		II	II	II	II	
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	
Pollution degree	2		2	2	2	2	
Degree of protection	IP67		IP67	IP67	IP67	IP67	
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

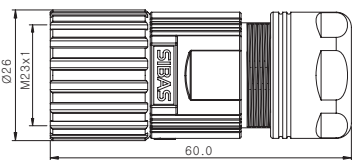
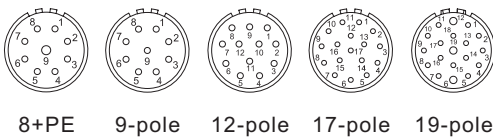
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Moulded, Straight, Shielded, Counter-clockwise

8+PE, 9, 12, 17, 19 poles



Order crimp contacts separately,
contacts in page 08.21

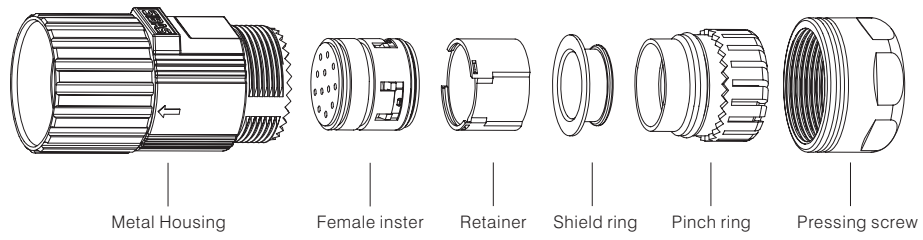
Description	Screw type	Contacts	Type	Order No.
M23Plug Shielded Moulded Straight Metal housing	PG9	8+PE	RPC-M23-FSI-9CON1-PG9-SH	4309120971
	PG11	8+PE	RPC-M23-FSI-9CON1-PG11-SH	4309130971
	PG9	9-pole	RPC-M23-FSI-9CON-PG9-SH	4309120972
	PG11	9-pole	RPC-M23-FSI-9CON-PG11-SH	4309130972
	PG9	12-pole	RPC-M23-FSI-12CON-PG9-SH	4309121272
	PG11	12-pole	RPC-M23-FSI-12CON-PG11-SH	4309131272
	PG9	17-pole	RPC-M23-FSI-17CON-PG9-SH	4309121772
	PG11	17-pole	RPC-M23-FSI-17CON-PG11-SH	4309131772
	PG9	19-pole	RPC-M23-FSI-19CON-PG9-SH	4309121972
	PG11	19-pole	RPC-M23-FSI-19CON-PG11-SH	4309131972

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A	20A	8A	8A	8A	8A 10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data	Clockwise-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Pinout type	Clockwise-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

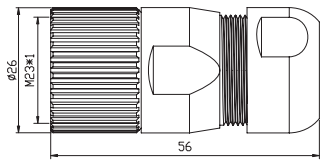
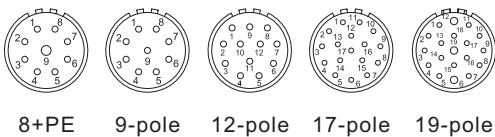
Connector data	Moulded	Moulded	Moulded	Moulded	Moulded
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Solder, Straight, Shielded, Clockwise

8+PE, 9, 12, 17, 19 poles



Order crimp contacts separately,
contacts in page 08.21

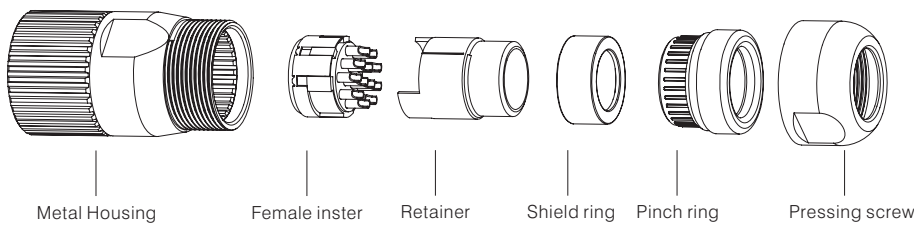
Description	Screw type	Contacts	Type	Order No.
M23 Socket Shielded Solder Straight Metal housing	PG9	8+PE	RPC-M23-FSA-9CON1-PG9-SH2	4308120991
	PG11	8+PE	RPC-M23-FSA-9CON1-PG11-SH2	4308130991
	PG9	9-pole	RPC-M23-FSA-9CON-PG9-SH2	4308120992
	PG11	9-pole	RPC-M23-FSA-9CON-PG11-SH2	4308130992
	PG9	12-pole	RPC-M23-FSA-12CON-PG9-SH2	4308121292
	PG11	12-pole	RPC-M23-FSA-12CON-PG11-SH2	4308131292
	PG9	17-pole	RPC-M23-FSA-17CON-PG9-SH2	4308121792
	PG11	17-pole	RPC-M23-FSA-17CON-PG11-SH2	4308131792
	PG9	19-pole	RPC-M23-FSA-19CON-PG9-SH2	4308121992
	PG11	19-pole	RPC-M23-FSA-19CON-PG11-SH2	4308131992

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole	
Nominal current	8A	20A	8A	8A	8A	8A	10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm	1.5mm
Rated voltage	200V		200V	200V	160V	100V	
Over voltage category	II		II	II	II	II	
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	
Pollution degree	2		2	2	2	2	
Degree of protection	IP67		IP67	IP67	IP67	IP67	
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

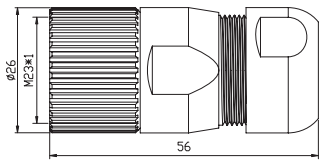
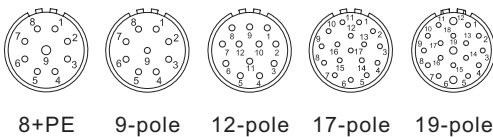
Connector data					
Type of connection	Solder	Solder	Solder	Solder	Solder
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Solder, Straight, Shielded, Counter-clockwise

8+PE, 9, 12, 17, 19poles



Order crimp contacts separately,
contacts in page 08.21

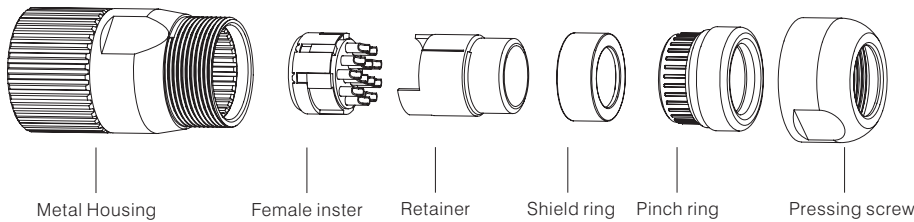
Description	Screw type	Contacts	Type	Order No.
M23Socket Shielded Solder Straight Metal housing	PG9	8+PE	RPC-M23-FSI-9CON1-PG9-SH2	4309120991
	PG11	8+PE	RPC-M23-FSI-9CON1-PG11-SH2	4309130991
	PG9	9-pole	RPC-M23-FSI-9CON-PG9-SH2	4309120992
	PG11	9-pole	RPC-M23-FSI-9CON-PG11-SH2	4309130992
	PG9	12-pole	RPC-M23-FSI-12CON-PG9-SH2	4309121292
	PG11	12-pole	RPC-M23-FSI-12CON-PG11-SH2	4309131292
	PG9	17-pole	RPC-M23-FSI-17CON-PG9-SH2	4309121792
	PG11	17-pole	RPC-M23-FSI-17CON-PG11-SH2	4309131792
	PG9	19-pole	RPC-M23-FSI-19CON-PG9-SH2	4309121992
	PG11	19-pole	RPC-M23-FSI-19CON-PG11-SH2	4309131992

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole	
Nominal current	8A	20A	8A	8A	8A	8A	10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm	1.5mm
Rated voltage	200V		200V	200V	160V	100V	
Over voltage category	II		II	II	II	II	
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	
Pollution degree	2		2	2	2	2	
Degree of protection	IP67		IP67	IP67	IP67	IP67	
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	

Mechanical data	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise
Pinout type	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

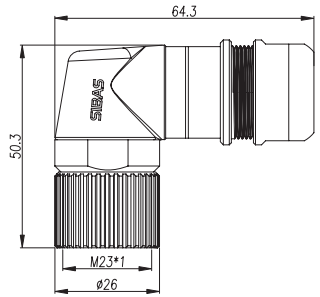
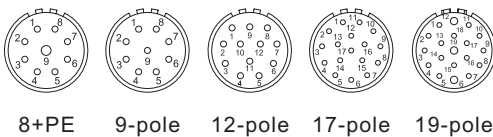
Connector data	Solder	Solder	Solder	Solder	Solder
Type of connection	Solder	Solder	Solder	Solder	Solder
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Moulded,Angled,Shielded,Clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

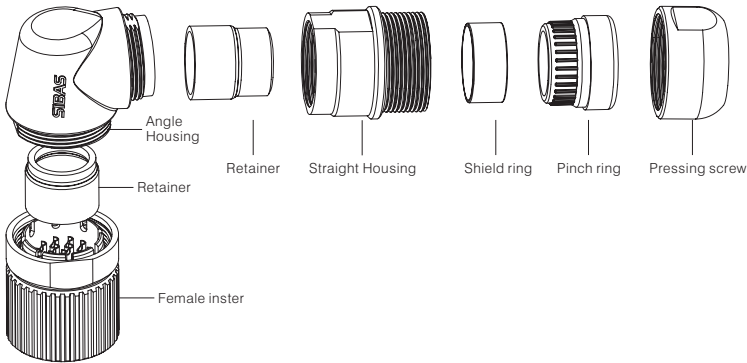
Description	Screw type	Contacts	Type	Order No.
M23 Socket Shielded Moulded Angled Metal housing	PG9	8+PE	RPC-M23-FRA-9CON1-PG9-SH	4328120971
	PG11	8+PE	RPC-M23-FRA-9CON1-PG11-SH	4328130971
	PG9	9-pole	RPC-M23-FRA-9CON-PG9-SH	4328120972
	PG11	9-pole	RPC-M23-FRA-9CON-PG11-SH	4328130972
	PG9	12-pole	RPC-M23-FRA-12CON-PG9-SH	4328121272
	PG11	12-pole	RPC-M23-FRA-12CON-PG11-SH	4328131272
	PG9	17-pole	RPC-M23-FRA-17CON-PG9-SH	4328121772
	PG11	17-pole	RPC-M23-FRA-17CON-PG11-SH	4328131772
	PG9	19-pole	RPC-M23-FRA-19CON-PG9-SH	4328121972
	PG11	19-pole	RPC-M23-FRA-19CON-PG11-SH	4328131972

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A	20A	8A	8A	8A	8A 10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

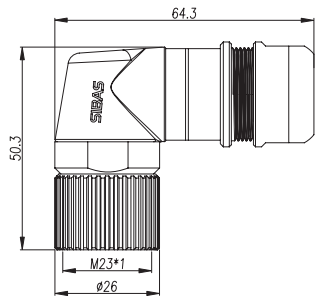
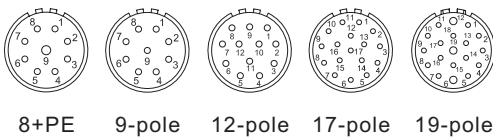
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Moulded,Angled,Shielded,Counter-clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

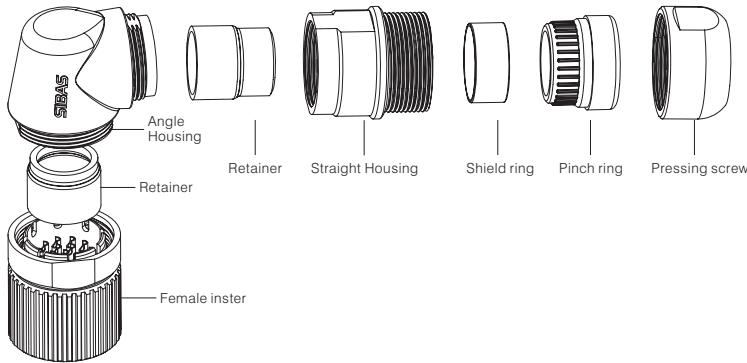
Description	Screw type	Contacts	Type	Order No.
M23 Socket Shielded Moulded Angled Metal housing	PG9	8+PE	RPC-M23-FRI-9CON1-PG9-SH	4329120971
	PG11	8+PE	RPC-M23-FRI-9CON1-PG11-SH	4329130971
	PG9	9-pole	RPC-M23-FRI-9CON-PG9-SH	4329120972
	PG11	9-pole	RPC-M23-FRI-9CON-PG11-SH	4329130972
	PG9	12-pole	RPC-M23-FRI-12CON-PG9-SH	4329121272
	PG11	12-pole	RPC-M23-FRI-12CON-PG11-SH	4329131272
	PG9	17-pole	RPC-M23-FRI-17CON-PG9-SH	4329121772
	PG11	17-pole	RPC-M23-FRI-17CON-PG11-SH	4329131772
	PG9	19-pole	RPC-M23-FRI-19CON-PG9-SH	4329121972
	PG11	19-pole	RPC-M23-FRI-19CON-PG11-SH	4329131972

Technical data	9(8+PE)pole	9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A	8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V	200V	200V	160V	100V
Over voltage category	II	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Pinout type	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

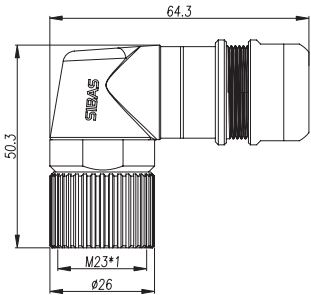
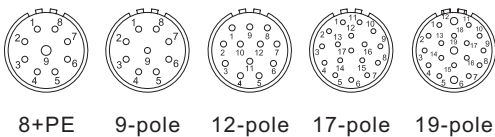
Connector data	Moulded	Moulded	Moulded	Moulded	Moulded
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Solder,Angled,Shielded,Clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

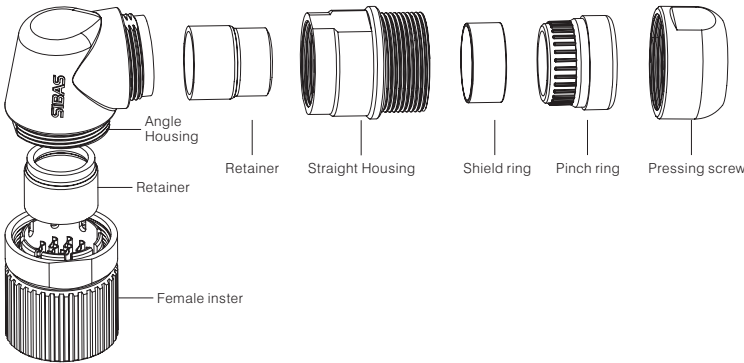
Description	Screw type	Contacts	Type	Order No.
M23 Socket Shielded Moulded Angled Metal housing	PG9	8+PE	RPC-M23-FRA-9CON1-PG9-SH2	4328120991
	PG11	8+PE	RPC-M23-FRA-9CON1-PG11-SH2	4328130991
	PG9	9-pole	RPC-M23-FRA-9CON-PG9-SH2	4328120992
	PG11	9-pole	RPC-M23-FRA-9CON-PG11-SH2	4328130992
	PG9	12-pole	RPC-M23-FRA-12CON-PG9-SH2	4328121292
	PG11	12-pole	RPC-M23-FRA-12CON-PG11-SH2	4328131292
	PG9	17-pole	RPC-M23-FRA-17CON-PG9-SH2	4328121792
	PG11	17-pole	RPC-M23-FRA-17CON-PG11-SH2	4328131792
	PG9	19-pole	RPC-M23-FRA-19CON-PG9-SH2	4328121992
	PG11	19-pole	RPC-M23-FRA-19CON-PG11-SH2	4328131992

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A		8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm		1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40℃~+125℃		-40℃~+125℃	-40℃~+125℃	-40℃~+125℃	-40℃~+125℃

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

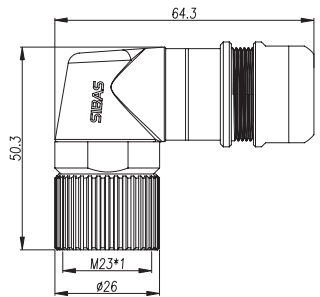
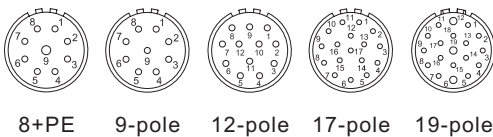
Connector data					
Type of connection	Solder	Solder	Solder	Solder	Solder
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Solder,Angled,Shielded,Counter-clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

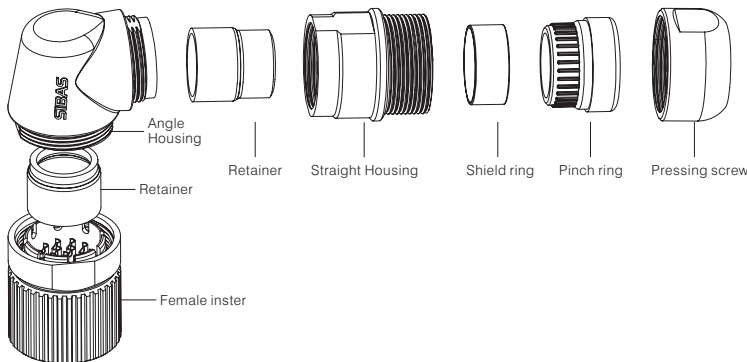
Description	Screw type	Contacts	Type	Order No.
M23 Socket Shielded Solder Angled Metal housing	PG9	8+PE	RPC-M23-FRA-9CON1-PG9-SH2	4329120991
	PG11	8+PE	RPC-M23-FRA-9CON1-PG11-SH2	4329130991
	PG9	9-pole	RPC-M23-FRA-9CON-PG9-SH2	4329120992
	PG11	9-pole	RPC-M23-FRA-9CON-PG11-SH2	4329130992
	PG9	12-pole	RPC-M23-FRA-12CON-PG9-SH2	4329121292
	PG11	12-pole	RPC-M23-FRA-12CON-PG11-SH2	4329131292
	PG9	17-pole	RPC-M23-FRA-17CON-PG9-SH2	4329121792
	PG11	17-pole	RPC-M23-FRA-17CON-PG11-SH2	4329131792
	PG9	19-pole	RPC-M23-FRA-19CON-PG9-SH2	4329121992
	PG11	19-pole	RPC-M23-FRA-19CON-PG11-SH2	4329131992

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A	20A	8A	8A	8A	8A 10A
Contact-Ø	1mm	2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C		-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise
Pinout type	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise	Counter-Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

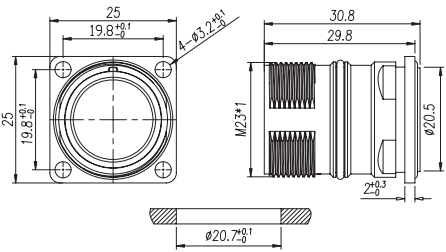
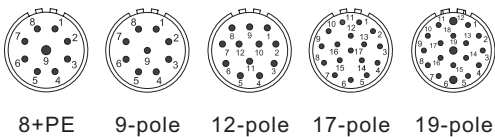
Connector data	Solder	Solder	Solder	Solder	Solder
Type of connection	Solder	Solder	Solder	Solder	Solder
Cable diameter Pg9	6-10mm	6-10mm	6-10mm	6-10mm	6-10mm
Cable diameter Pg11	10-14mm	10-14mm	10-14mm	10-14mm	10-14mm
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Male Base, Moulded, Straight, Clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

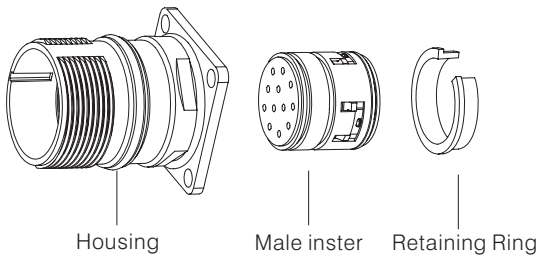
Description	Contacts	Type	Order No.
M23Plug	8+PE	RPC-M23-MBA-9CON1-PG9-LA	4348120961
Shielded	9-pole	RPC-M23-MBA-9CON-PG9-LA	4348120960
Moulded	12-pole	RPC-M23-MBA-12CON-PG9-LA	4348121260
Straight	17-pole	RPC-M23-MBA-17CON-PG9-LA	4348121760
Metal housing	19-pole	RPC-M23-MBA-19CON-PG9-LA	4348121960

Technical data	9(8+PE)pole	9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A	8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V	200V	200V	160V	100V
Over voltage category	II	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67	IP67
Operation temperature	-40℃~+125℃	-40℃~+125℃	-40℃~+125℃	-40℃~+125℃	-40℃~+125℃

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

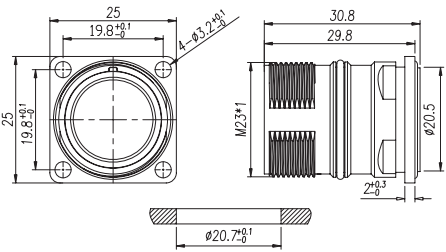
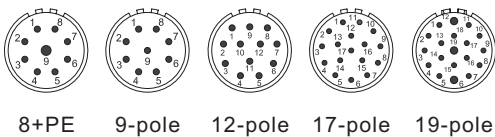
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Male Base, Moulded, Straight, Counter-clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

Description	Contacts	Type	Order No.
M23Plug	8+PE	RPC-M23-MBI-9CON1-PG9-LA	4349120961
Shielded	9-pole	RPC-M23-MBI-9CON-PG9-LA	4349120960
Moulded	12-pole	RPC-M23-MBI-12CON-PG9-LA	4349121260
Straight	17-pole	RPC-M23-MBI-17CON-PG9-LA	4349121760
Metal housing	19-pole	RPC-M23-MBI-19CON-PG9-LA	4349121960

Technical data	9(8+PE)pole	9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A	8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V	200V	200V	160V	100V
Over voltage category	II	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

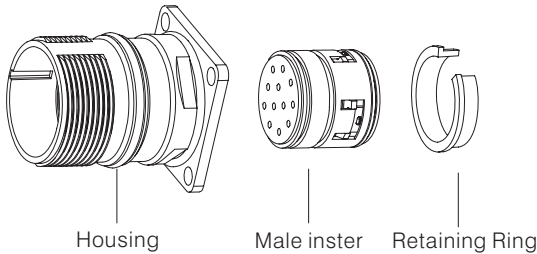
Mechanical data

Pinout type	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

Connector data

Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



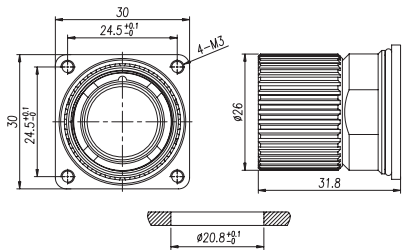
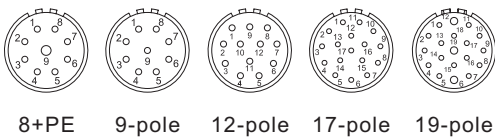
Housing

Male inster

Retaining Ring

M23 Signal Female Base, Moulded, Straight, Clockwise

8+PE, 9, 12, 17, 19 poles



Order crimp contacts separately,
contacts in page 08.21

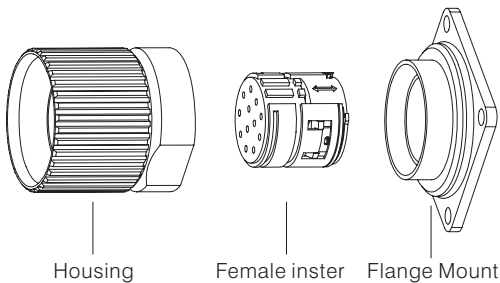
Description	Contacts	Type	Order No.
M23Socket, Shielded, Moulded, Straight, Metal housing	8+PE	RPC-M23-FBA-9CON1-PG9-LA	4348120971
	9-pole	RPC-M23-FBA-9CON-PG9-LA	4348120970
	12-pole	RPC-M23-FBA-12CON-PG9-LA	4348121270
	17-pole	RPC-M23-FBA-17CON-PG9-LA	4348121770
	19-pole	RPC-M23-FBA-19CON-PG9-LA	4348121970

Technical data	(8+PE)pole	9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A	8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V	200V	200V	160V	100V
Over voltage category	II	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

Mechanical data					
Pinout type	Clockwise	Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

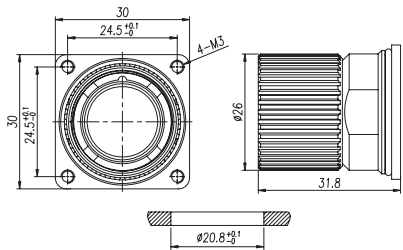
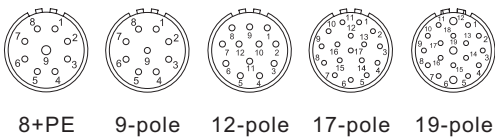
Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Female Base, Moulded,Stright,Counter-clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

Description	Contacts	Type	OrderNo.
M23Socket, Shielded, Moulded, Straight, Metal housing	8+PE	RPC-M23-FBI-9CON1-PG9-LA	4349120971
	9-pole	RPC-M23-FBI-9CON-PG9-LA	4349120970
	12-pole	RPC-M23-FBI-12CON-PG9-LA	4349121270
	17-pole	RPC-M23-FBI-17CON-PG9-LA	4349121770
	19-pole	RPC-M23-FBI-19CON-PG9-LA	4349121970

Technical data	9(8+PE)pole	9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A	8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm	1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V	200V	200V	160V	100V
Over voltage category	II	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C

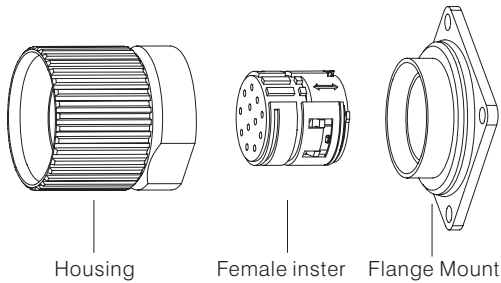
Mechanical data

Pinout type	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise	Counter-clockwise
Mechanical operation	>500	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

Connector data

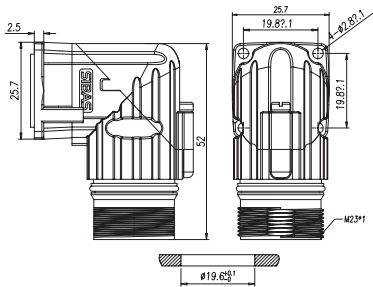
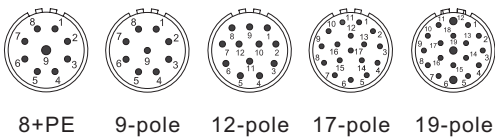
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



M23 Signal Male Base, Moulded,Angled,rotatable,Clockwise

8+PE,9,12,17,19poles



Order crimp contacts separately,
contacts in page 08.21

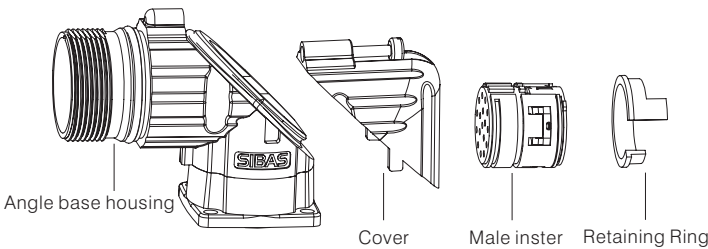
Description	Contacts		Type	Order No.	
M23Plug	8+PE		RPC-M23-MBA-9CON1-PG9-LP	4398120961	
Shielded	9-pole		RPC-M23-MBA-9CON-PG9-LP	4398120964	
Moulded	12-pole		RPC-M23-MBA-12CON-PG9-LP	4398121264	
Straight	17-pole		RPC-M23-MBA-17CON-PG9-LP	4398121764	
Metal housing	19-pole		RPC-M23-MBA-19CON-PG9-LP	4398121964	

Technical data	9(8+PE)pole		9-pole	12-pole	17-pole	19(16+3)pole
Nominal current	8A 20A		8A	8A	8A	8A 10A
Contact-Ø	1mm 2mm		1mm	1mm	1mm	1mm 1.5mm
Rated voltage	200V		200V	200V	160V	100V
Over voltage category	II		II	II	II	II
Contact resistance	≤3mΩ		≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2		2	2	2	2
Degree of protection	IP67		IP67	IP67	IP67	IP67
Operation temperature	-40℃~+125℃		-40℃~+125℃	-40℃~+125℃	-40℃~+125℃	-40℃~+125℃

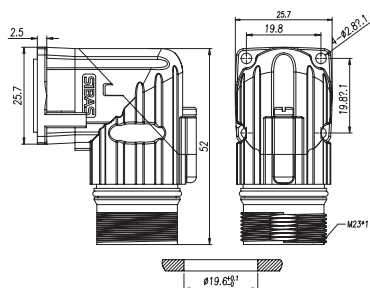
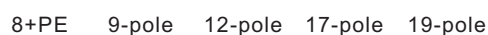
Mechanical data	Clockwise		Clockwise	Clockwise	Clockwise	Clockwise
Pinout type	Clockwise		Clockwise	Clockwise	Clockwise	Clockwise
Mechanical operation	>500		>500	>500	>500	>500
Contact carrier material	PBT		PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au		CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au

Connector data	Moulded		Moulded	Moulded	Moulded	Moulded
Type of connection	Moulded		Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²		1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Assembly instruction



8+PE,9,12,17,19poles



Description	Contacts	Type	Order No.
M23Plug	8+PE	RPC-M23-MBI-9CON1-PG9-LP	4399120961
Shielded	9-pole	RPC-M23-MBI-9CON-PG9-LP	4399120964
Moulded	12-pole	RPC-M23-MBI-12CON-PG9-LP	4399121264
Straight	17-pole	RPC-M23-MBI-17CON-PG9-LP	4399121764
Metal housing	19-pole	RPC-M23-MBI-19CON-PG9-LP	4399121964

Connector data					
Type of connection	Moulded	Moulded	Moulded	Moulded	Moulded
Connection cross-section min./max.	8x1.5mm ² /1x2.5mm ²	1.5mm ²	1.0mm ²	1.0mm ²	16x1.0mm ² /3x1.5mm ²

Diagram illustrating the components of the Angle base housing assembly:

- Angle base housing
- Cover
- Male insert
- Retaining Ring

M23 Power Male, Moulded, Straight, Shielded

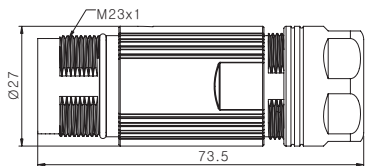
6,8poles



5+PE



4+3+PE



Description	Screw type	Contacts	Type	Order No.
M23 Plug	PG9	6-pole	RPC-M23-MSP-6CON-PG9-SH	4410120661
Shielded, Moulded	PG11	6-pole	RPC-M23-MSP-6CON-PG11-SH	4410130661
Straight	PG9	8-pole	RPC-M23-MSP-8CON-PG9-SH	4410120861
Metal housing	PG11	8-pole	RPC-M23-MSP-8CON-PG11-SH	4410130861

Technical data

	6(5+PE)pole	8(4+3+PE)pole
Nominal current	28A	8A 28A
Contact-Ø	2mm	1mm 2mm
Rated voltage	630V	200V 630V
Over voltage category	II	II
Contact resistance	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2
Degree of protection	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C

Mechanical data

Mechanical operation	>500	>500
Contact carrier material	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au

Connector data

Type of connection	Moulded	Moulded
Cable diameter PG9	6-10mm	6-10mm
Cable diameter PG11	10-14mm	10-14mm
Connection cross-section min./max.	4mm ²	4x1.5mm ² /4x4mm ²

Assembly instruction

M23 Power Female, Moulded, Straight, Shielded

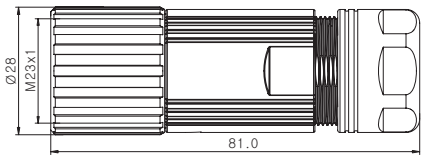
6,8poles



5+PE



4+3+PE



Description	Screw type	Contacts	Type	Order No.
M23 Plug	PG9	6-pole	RPC-M23-FSP-6CON-PG9-SH	4400120671
Shielded,Moulded	PG11	6-pole	RPC-M23-FSP-6CON-PG11-SH	4400130671
Straight	PG9	8-pole	RPC-M23-FSP-8CON-PG9-SH	4400120871
Metal housing	PG11	8-pole	RPC-M23-FSP-8CON-PG11-SH	4400130871

Technical data

	6(5+PE)pole	8(4+3+PE)pole
Nominal current	28A	8A 28A
Contact-Ø	2mm	1mm 2mm
Rated voltage	630V	200V 630V
Over voltage category	II	II
Contact resistance	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2
Degree of protection	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C

Mechanical data

Mechanical operation	>500	>500
Contact carrier material	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au

Connector data

Type of connection	Moulded	Moulded
Cable diameter PG9	6-10mm	6-10mm
Cable diameter PG11	10-14mm	10-14mm
Connection cross-section min./max.	4mm ²	4x1.5mm ² /4x4mm ²

Assembly instruction

M23 Power Male Base, Moulded, Stright

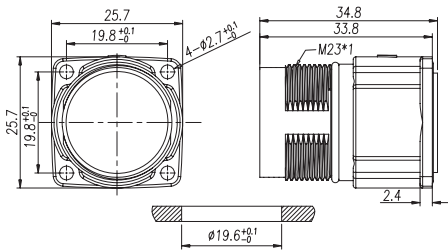
6,8poles



5+PE



4+3+PE



Description	Contacts	Type	Order No.
M23Plug,Shielded,Moulded, Straight,Metal housing	6-pole	RPC-M23-MBP-6CON-PG9-LA	4446120661
	8-pole	RPC-M23-MBP-8CON-PG9-LA	4446120861

Technical data	6(5+PE)pole	8(4+3+PE)pole
Nominal current	28A	8A 28A
Contact-Ø	2mm	1mm 2mm
Rated voltage	630V	200V 630V
Over voltage category	II	II
Contact resistance	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2
Degree of protection	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C

Mechanical data		
Mechanical operation	>500	>500
Contact carrier material	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au

Connector data		
Type of connection	Moulded	Moulded
Connection cross-section min./max.	4mm ²	4x1.5mm ² /4x4mm ²

Assembly instruction

M23 Power Female Base, Moulded, Stright

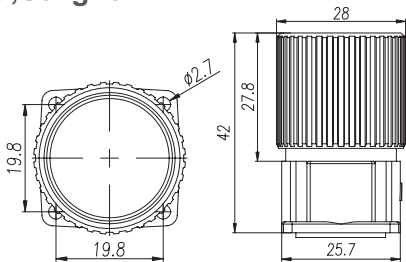
6,8poles



5+PE



4+3+PE



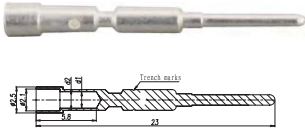
Description	Contacts	Type	Order No.
M23 Socket,Shielded,Moulded, Straight,Metal housing	6-pole	RPC-M23-FBP-6CON-PG9-LA	4446120671
	8-pole	RPC-M23-FBP-8CON-PG9-LA	4446120871

Technical data	6(5+PE)pole	8(4+3+PE)pole
Nominal current	28A	8A 28A
Contact-Ø	2mm	1mm 2mm
Rated voltage	630V	200V 630V
Over voltage category	II	II
Contact resistance	≤3mΩ	≤3mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	2	2
Degree of protection	IP67	IP67
Operation temperature	-40°C~+125°C	-40°C~+125°C

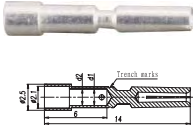
Mechanical data		
Mechanical operation	>500	>500
Contact carrier material	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au

Connector data		
Type of connection	Moulded	Moulded
Connection cross-section min./max.	4mm ²	4x1.5mm ² /4x4mm ²

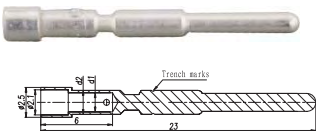
Assembly instruction

M23 Signal , Moulded , Male contact,Female contact
Male


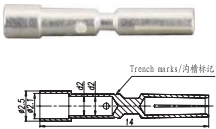
Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø1.0	0.14-0.5mm/AWG26-20	6mm	Au	1 groove	RPC-M23-M-1.0U-0.5	4361000560
Ø1.0	0.14-0.5mm/AWG26-20	6mm	Ag	no groove	RPC-M23-M-1.0G-0.5	4371000560
Ø1.0	0.5-1.0mm/AWG20-16	6mm	Au	1 groove	RPC-M23-M-1.0U-1.0	4361001060
Ø1.0	0.5-1.0mm/AWG20-16	6mm	Ag	no groove	RPC-M23-M-1.0G-1.0	4371001060

Female


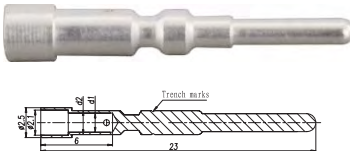
Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø1.0	0.14-0.5mm/AWG26-20	6mm	Au	1 groove	RPC-M23-F-1.0U-0.5	4361000570
Ø1.0	0.14-0.5mm/AWG26-20	6mm	Ag	no groove	RPC-M23-F-1.0G-0.5	4371000570
Ø1.0	0.5-1.0mm/AWG20-16	6mm	Au	1 groove	RPC-M23-F-1.0U-1.0	4361001070
Ø1.0	0.5-1.0mm/AWG20-16	6mm	Ag	no groove	RPC-M23-F-1.0G-1.0	4371001070

Male


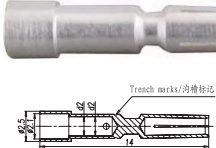
Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø1.5	0.14-0.5mm/AWG26-20	6mm	Au	1 groove	RPC-M23-M-1.5U-0.5	4361500560
Ø1.5	0.14-0.5mm/AWG26-20	6mm	Ag	no groove	RPC-M23-M-1.5G-0.5	4371500560
Ø1.5	0.5-1.0mm/AWG20-16	6mm	Au	1 groove	RPC-M23-M-1.5U-1.0	4361501060
Ø1.5	0.5-1.0mm/AWG20-16	6mm	Ag	no groove	RPC-M23-M-1.5G-1.0	4371501060

Female


Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø1.5	0.14-0.5mm/AWG26-20	6mm	Au	1 groove	RPC-M23-F-1.5U-0.5	4361500570
Ø1.5	0.14-0.5mm/AWG26-20	6mm	Ag	no groove	RPC-M23-F-1.5G-0.5	4371500570
Ø1.5	0.5-1.0mm/AWG20-16	6mm	Au	1 groove	RPC-M23-F-1.5U-1.0	4361501070
Ø1.5	0.5-1.0mm/AWG20-16	6mm	Ag	no groove	RPC-M23-F-1.5G-1.0	4371501070

Male


Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø2.0	0.75-2.5mm/AWG18-14	9mm	Au	no groove	RPC-M23-M-2.0U-0.5	4362000560
Ø2.0	0.75-2.5mm/AWG18-14	9mm	Ag	no groove	RPC-M23-M-2.0G-0.5	4372000560

Female


Contact-Ø	Wire gauge	Stripping length	Surface	Mark trench	Type	Order No.
Ø2.0	0.75-2.5mm/AWG18-14	9mm	Au	no groove	RPC-M23-F-2.0U-0.5	4362000570
Ø2.0	0.75-2.5mm/AWG18-14	9mm	Ag	no groove	RPC-M23-F-2.0G-0.5	4372000570

M23 Power Male, Moulded, Straight

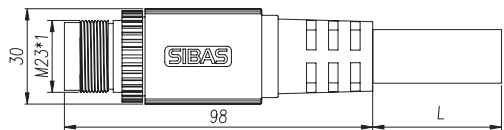
6,8poles



5+PE



4+3+PE



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,6poles	RPC-M23-MSP-6CON-PUR-1.0	4416066010	RPC-M23-MSP-6CON-PVC-1.0	4417066010
3.0m,6poles	RPC-M23-MSP-6CON-PUR-3.0	4416066030	RPC-M23-MSP-6CON-PVC-3.0	4417066030
5.0m,6poles	RPC-M23-MSP-6CON-PUR-5.0	4416066050	RPC-M23-MSP-6CON-PVC-5.0	4417066050
10m,6poles	RPC-M23-MSP-6CON-PUR-10.0	4416066100	RPC-M23-MSP-6CON-PVC-10.0	4417066100
1.5m,8poles	RPC-M23-MSP-8CON-PUR-1.0	4416086010	RPC-M23-MSP-8CON-PVC-1.0	4417086010
3.0m,8poles	RPC-M23-MSP-8CON-PUR-3.0	4416086030	RPC-M23-MSP-8CON-PVC-3.0	4417086030
5.0m,8poles	RPC-M23-MSP-8CON-PUR-5.0	4416086050	RPC-M23-MSP-8CON-PVC-5.0	4417086050
10m,8poles	RPC-M23-MSP-8CON-PUR-10.0	4416086100	RPC-M23-MSP-8CON-PVC-10.0	4417086100

Technical data	PUR Cable	PVR Cable	PUR Cable	PVR Cable
	6(5+PE)pole	6(5+PE)pole	8(4+3+PE)pole	8(4+3+PE)pole
Nominal current	28A	28A	8A 28A	8A 28A
Contact-Ø	2mm	2mm	1mm 2mm	1mm 2mm
Rated voltage	630V	630V	300V 630V	300V 630V
Over voltage category	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Pollution degree	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C
Ambient temperature	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data

Mechanical operation	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au
Material of grip body	TPU	TPU	TPU	TPU

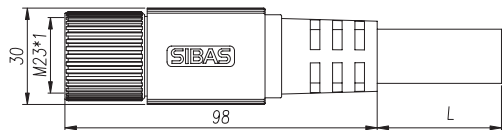
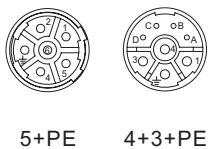
Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	13mm	13mm	13mm	13mm
Wire cross section	3.5mm ²	3.5mm ²	4x1.5mm ² + 4x3.5mm ²	4x1.5mm ² + 4x3.5mm ²

Assembly instruction

M23 Power Female, Moulded, Straight, Shielded

6,8poles



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,6poles	RPC-M23-FSP-6CON-PUR-1.0	4406067010	RPC-M23-FSP-6CON-PVC-1.0	4407067010
3.0m,6poles	RPC-M23-FSP-6CON-PUR-3.0	4406067030	RPC-M23-FSP-6CON-PVC-3.0	4407067030
5.0m,6poles	RPC-M23-FSP-6CON-PUR-5.0	4406067050	RPC-M23-FSP-6CON-PVC-5.0	4407067050
10m,6poles	RPC-M23-FSP-6CON-PUR-10.0	4406067100	RPC-M23-FSP-6CON-PVC-10.0	4407067100
1.5m,8poles	RPC-M23-FSP-8CON-PUR-1.0	4406087010	RPC-M23-FSP-8CON-PVC-1.0	4407087010
3.0m,8poles	RPC-M23-FSP-8CON-PUR-3.0	4406087030	RPC-M23-FSP-8CON-PVC-3.0	4407087030
5.0m,8poles	RPC-M23-FSP-8CON-PUR-5.0	4406087050	RPC-M23-FSP-8CON-PVC-5.0	4407087050
10m,8poles	RPC-M23-FSP-8CON-PUR-10.0	4406087100	RPC-M23-FSP-8CON-PVC-10.0	4407087100

Technical data	PUR Cable	PVR Cable	PUR Cable	PVR Cable
	6(5+PE)pole	6(5+PE)pole	8(4+3+PE)pole	8(4+3+PE)pole
Nominal current	28A	28A	8A 28A	8A 28A
Contact-Ø	2mm	2mm	1mm 2mm	1mm 2mm
Rated voltage	630V	630V	300V 630V	300V 630V
Over voltage category	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Pollution degree	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C
Ambient temperature	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data	PUR Cable	PVR Cable	PUR Cable	PVR Cable
Mechanical operation	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au
Material of grip body	TPU	TPU	TPU	TPU

Connector data	PUR	PVC	PUR	PVC
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	13mm	13mm	13mm	13mm
Wire cross section	3.5mm ²	3.5mm ²	4x1.5mm ² + 4x3.5mm ²	4x1.5mm ² + 4x3.5mm ²

Assembly instruction

M23 Power Male, Moulded,Angled

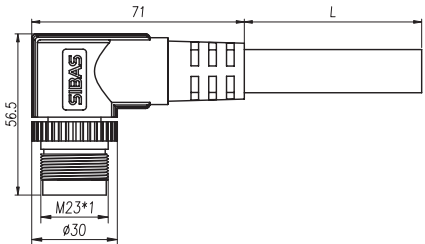
6,8poles



5+PE



4+3+PE



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,6poles	RPC-M23-MRP-6CON-PUR-1.0	4436066010	RPC-M23-MRP-6CON-PVC-1.0	4437066010
3.0m,6poles	RPC-M23-MRP-6CON-PUR-3.0	4436066030	RPC-M23-MRP-6CON-PVC-3.0	4437066030
5.0m,6poles	RPC-M23-MRP-6CON-PUR-5.0	4436066050	RPC-M23-MRP-6CON-PVC-5.0	4437066050
10m,6poles	RPC-M23-MRP-6CON-PUR-10.0	4436066100	RPC-M23-MRP-6CON-PVC-10.0	4437066100
1.5m,8poles	RPC-M23-MRP-8CON-PUR-1.0	4436086010	RPC-M23-MRP-8CON-PVC-1.0	4437086010
3.0m,8poles	RPC-M23-MRP-8CON-PUR-3.0	4436086030	RPC-M23-MRP-8CON-PVC-3.0	4437086030
5.0m,8poles	RPC-M23-MRP-8CON-PUR-5.0	4436086050	RPC-M23-MRP-8CON-PVC-5.0	4437086050
10m,8poles	RPC-M23-MRP-8CON-PUR-10.0	4436086100	RPC-M23-MRP-8CON-PVC-10.0	4437086100

Technical data	PUR Cable	PVR Cable	PUR Cable	PVR Cable
	6(5+PE)pole	6(5+PE)pole	8(4+3+PE)pole	8(4+3+PE)pole
Nominal current	28A	28A	8A 28A	8A 28A
Contact-Ø	2mm	2mm	1mm 2mm	1mm 2mm
Rated voltage	630V	630V	300V 630V	300V 630V
Over voltage category	II	II	II	II
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ	≤3mΩ
Pollution degree	2	2	2	2
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C
Ambient temperature	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data

Mechanical operation	>500	>500	>500	>500
Contact carrier material	PBT	PBT	PBT	PBT
Contact surface/plating	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au	CuSn/Ag/Au
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	13mm	13mm	13mm	13mm
Wire cross section	3.5mm ²	3.5mm ²	4x1.5mm ² + 4x3.5mm ²	4x1.5mm ² + 4x3.5mm ²

Assembly instruction

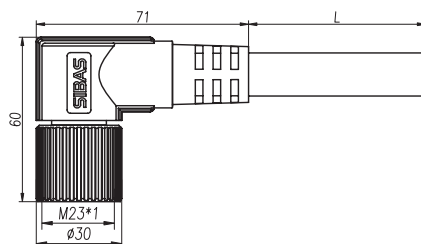
6,8poles



5+PF



4+3+PF



	PUR Cable	PVR Cable	PUR Cable		PVR Cable	
Technical data	6(5+PE)pole	6(5+PE)pole	8(4+3+PE)pole		8(4+3+PE)pole	
Nominal current	28A	28A	8A	28A	8A	28A
Contact-Ø	2mm	2mm	1mm	2mm	1mm	2mm
Rated voltage	630V	630V	300V	630V	300V	630V
Over voltage category	II	II	II		II	
Contact resistance	≤3mΩ	≤3mΩ	≤3mΩ		≤3mΩ	
Pollution degree	2	2	2		2	
Degree of protection	IP67	IP67	IP67		IP67	
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C		-10°C~+70°C	
Cable, flexible installation	-5°C~+80°C	-5°C~+80°C	-5°C~+80°C		-5°C~+80°C	
Ambient temperature	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C		-25°C~+90°C	

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	13mm	13mm	13mm	13mm
Wire cross section	3.5mm ²	3.5mm ²	4x1.5mm ² + 4x3.5mm ²	4x1.5mm ² + 4x3.5mm ²

Assembly instruction

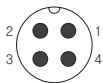
RD24 series

- 4,7 poles available
- Screw connection
- Circular connector with RD24 screw locking
- Degree of protection IP67
- Ambient temperature -40°C~100°C
- Plug design as per DIN 405-2



RD24 Male Screw connection, Straight

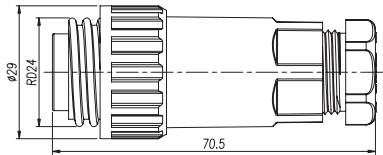
4,7poles



4-pole



7-pole



Description	Screw type	Contacts	Type	Order No.
RD24X1/8" Plug, Straight, Screw connection, Plastic housing	PG11	4-pole	RPC-RD24-MS-4CON-PG11-M	4710220400
	PG13.5	4-pole	RPC-RD24-MS-4CON-PG13.5-M	4710270400
	PG11	7-pole	RPC-RD24-MS-7CON-PG11-M	4710220700
	PG13.5	7-pole	RPC-RD24-MS-7CON-PG13.5-M	4710270700

Technical data

	4pole	7pole
Nominal current	12A	8A
Rated voltage	600V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40℃~+125℃	-40℃~+100℃

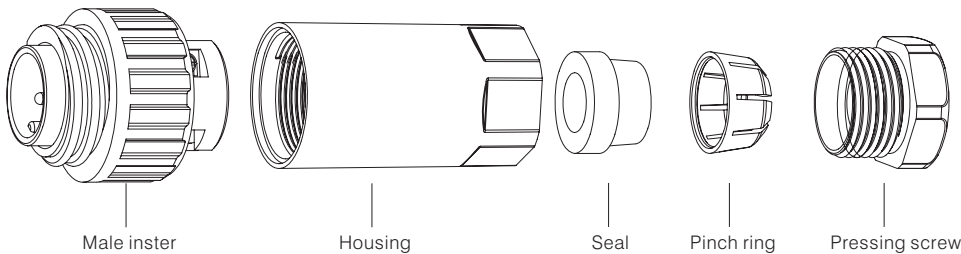
Mechanical data

Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data

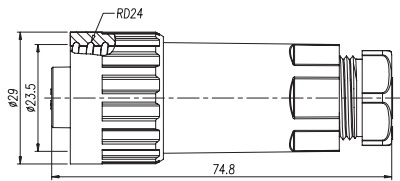
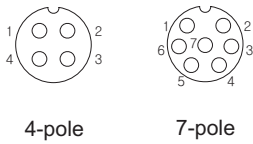
Type of connection	Screw connection	Screw connection
Cable diameter PG11	6-10mm	6-10mm
Cable diameter PG13.5	10-14mm	10-14mm
Connection cross-section min./max.	0.5mm ² -2.5mm ²	0.34mm ² -1.5mm ²
Connection cross-section (AWG min/max)	20-14AWG	22-16AWG

Assembly instruction



RD24 Female Screw connection, Straight

4,7poles



Description	Screw type	Contacts	Type	Order No.
RD24X1/8" Socket, Straight, Screw connection, Plastic housing	PG11	4-pole	RPC-RD24-FS-4CON-PG11-M	4700220410
	PG13.5	4-pole	RPC-RD24-FS-4CON-PG13.5-M	4700270410
	PG11	7-pole	RPC-RD24-FS-7CON-PG11-M	4700220710
	PG13.5	7-pole	RPC-RD24-FS-7CON-PG13.5-M	4700270710

Technical data

	4pole	7pole
Nominal current UL	12A	8A
Rated voltage UL	600V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40℃~+125℃	-40℃~+100℃

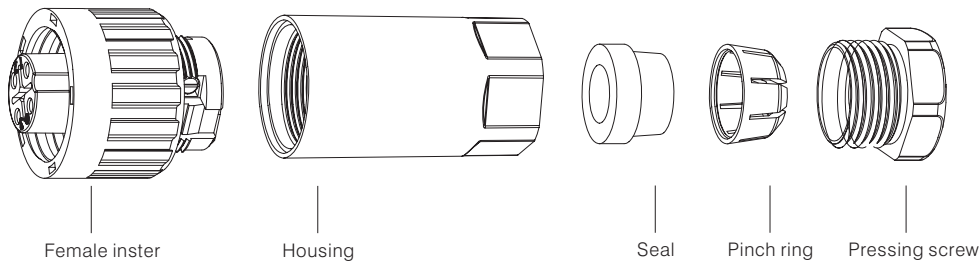
Mechanical data

Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data

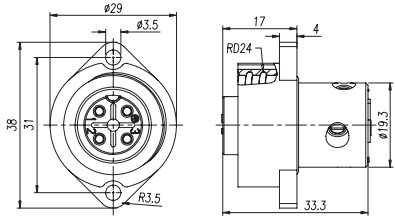
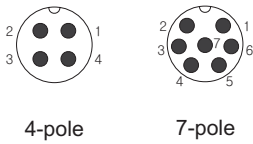
Type of connection	Screw connection	Screw connection
Cable diameter PG11	6-10mm	6-10mm
Cable diameter PG13.5	10-14mm	10-14mm
Connection cross-section min./max.	0.5mm ² -2.5mm ²	0.34mm ² -1.5mm ²
Connection cross-section (AWG min/max)	20-14AWG	22-16AWG

Assembly instruction



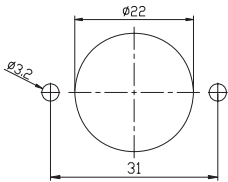
RD24 Male Base, Screw connection, Straight

4,7poles



Description	Contacts	Type	Order No.
RD24X1/8" Plug, Straight, Screw connection, Metal housing	4-pole	RPC-RD24-MB-4CON-PG11-LA	4742170400
	7-pole	RPC-RD24-MB-7CON-PG11-LA	4742170700
Technical data			
	4pole	7pole	
Nominal current UL	12A	8A	
Rated voltage UL	600V	250V	
Over voltage category	III	III	
Contact resistance	≤5mΩ	≤5mΩ	
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	
Pollution degree	3	3	
Degree of protection	IP67	IP67	
Operation temperature	-40°C~+100°C	-40°C~+100°C	
Mechanical data			
Mechanical operation	>500 mating cycles	>500 mating cycles	
Contact carrier material	PBT	PBT	
Contact/contact surface	CuZn/CuZn	CuZn/CuZn	
Contact plating	Ag	Ag	
Connector data			
Type of connection	Screw connection	Screw connection	
Connection cross-section min./max.	0.5mm ² -2.5mm ²	0.34mm ² -1.5mm ²	
Connection cross-section (AWG min/max)	20-14AWG	22-16AWG	

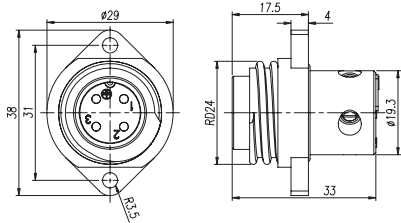
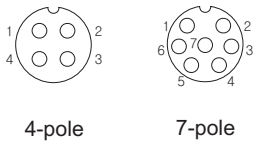
Assembly instruction



Mounting cutout

RD24 Female Base,Screw connection,Straight

4,7poles



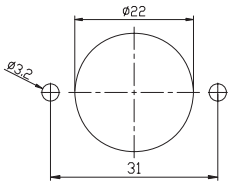
Description	Contacts	Type	Order No.
RD24X1/8" Socket, Straight,	4-pole	RPC-RD24-FB-4CON-PG11-LA	4742170410
Screw connection, Metal housing	7-pole	RPC-RD24-FB-7CON-PG11-LA	4742170710

Technical data	4pole	7pole
Nominal current UL	12A	8A
Rated voltage UL	600V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40°C~+100°C	-40°C~+100°C

Mechanical data		
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data		
Type of connection	Screw connection	Screw connection
Connection cross-section min./max.	0.5mm ² -2.5mm ²	0.34mm ² -1.5mm ²
Connection cross-section (AWG min/max)	20-14AWG	22-16AWG

Assembly instruction



Mounting cutout

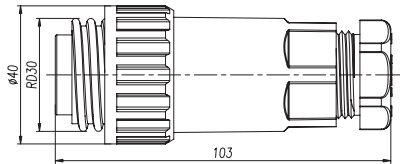
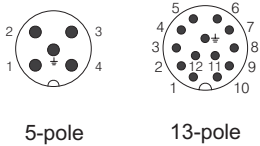
RD30 series

- 5,13 poles available
- Screw connection
- Circular connector with RD30 screw locking
- Degree of protection Ip67
- Ambient temperature -40°C~100°C



RD30 Male Screw connection, Straight

5,13poles



Description	Screw type	Contacts	Type	Order No.
RD30	PG13.5	5-pole	RPC-RD30-MS-5CON-PG13.5-M	4811070500
Plug, Straight	PG16	5-pole	RPC-RD30-MS-5CON-PG16-M	4811080500
Screw connection	PG13.5	13-pole	RPC-RD30-MS-13CON-PG13.5-M	4811071300
Plastic housing	PG16	13-pole	RPC-RD30-MS-13CON-PG16-M	4811081300

Technical data

	5pole	13pole
Nominal current UL	20A	6A
Rated voltage UL	400V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65/IP67	IP65/IP67
Operation temperature	-40°C~+100°C	-40°C~+100°C

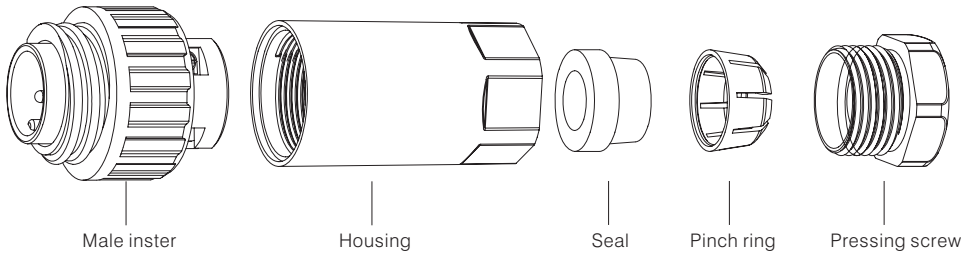
Mechanical data

Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data

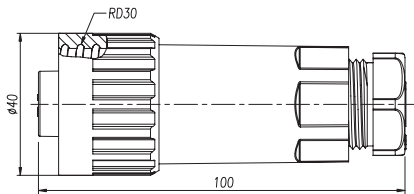
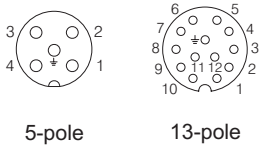
Type of connection	Screw connection	Screw connection
Cable diameter Pg13.5	10-14mm	10-14mm
Cable diameter Pg16	14-18mm	14-18mm
Connection cross-section max.	2.5mm ²	1.0mm ²
Connection cross-section (AWG max)	14AWG	18AWG

Assembly instruction



RD30 Female Screw connection, Straight

5,13poles



Description	Screw type	Contacts	Type	Order No.
RD30 Socket, Straight Screw connection Plastic housing	PG13.5	5-pole	RPC-RD30-FS-5CON-PG13.5-M	4801070510
	PG16	5-pole	RPC-RD30-FS-5CON-PG16-M	4801080510
	PG13.5	13-pole	RPC-RD30-FS-13CON-PG13.5-M	4801071310
	PG16	13-pole	RPC-RD30-FS-13CON-PG16-M	4801081310

Technical data

	5pole	13pole
Nominal current UL	20A	6A
Rated voltage UL	400V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65/IP67	IP65/IP67
Operation temperature	-40°C~+100°C	-40°C~+100°C

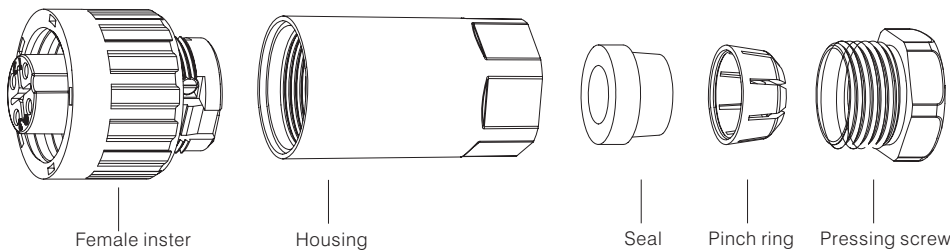
Mechanical data

Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data

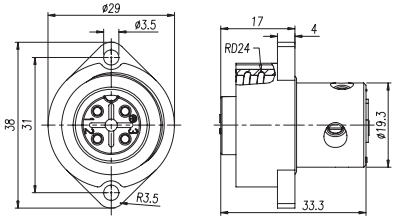
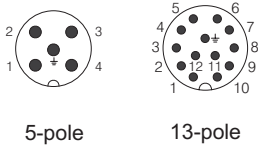
Type of connection	Screw connection	Screw connection
Cable diameter Pg13.5	10-14mm	10-14mm
Cable diameter Pg16	14-18mm	14-18mm
Connection cross-section max.	2.5mm ²	1.0mm ²
Connection cross-section (AWG max)	14AWG	18AWG

Assembly instruction



RD30 Male base Screw connection, Straight

5, 13poles



Description	Contacts	Type	Order No.
RD30, Plug, Straight	5-pole	RPC-RD30-MB-5CON-PG13.5-LA	4841070500
Screw connection, Metal housing	13-pole	RPC-RD30-MB-13CON-PG13.5-LA	4841071300

Technical data	5pole	13pole
Nominal current UL	20A	6A
Rated voltage UL	400V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65/IP67	IP65/IP67
Operation temperature	-40°C~+100°C	-40°C~+100°C

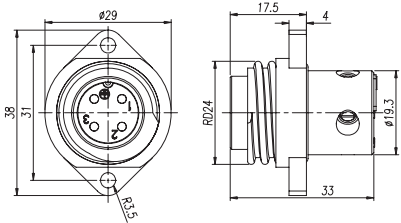
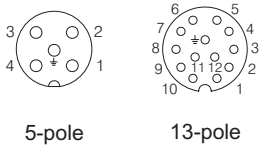
Mechanical data		
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data		
Type of connection	Screw connection	Screw connection
Connection cross-section max.	2.5mm ²	1.0mm ²
Connection cross-section (AWG max)	14AWG	18AWG

Assembly instruction

RD30 Female base Screw connection, Straight

5, 13poles



Description	Contacts	Type	Order No.
RD30, Socket, Straight	5-pole	RPC-RD30-FB-5CON-PG13.5-LA	4841070510
Screw connection, Metal housing	13-pole	RPC-RD30-FB-13CON-PG13.5-LA	4841071310

Technical data	5pole	13pole
Nominal current UL	20A	6A
Rated voltage UL	400V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65/IP67	IP65/IP67
Operation temperature	-40°C~+100°C	-40°C~+100°C

Mechanical data		
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PBT	PBT
Contact/contact surface	CuZn/CuZn	CuZn/CuZn
Contact plating	Ag	Ag

Connector data		
Type of connection	Screw connection	Screw connection
Connection cross-section max.	2.5mm ²	1.0mm ²
Connection cross-section (AWG max)	14AWG	18AWG

Assembly instruction

Magnetic valve series

- Professional for hydraulic, pneumatic and electro-magnetic actuators
- 3,4 poles available(including PE)
- Model A
- Moulded on cable /Assembly
- Degree of protection IP65/IP67
- Ambient temperature -40°C~125°C
- Design as per DIN EN 175301-803

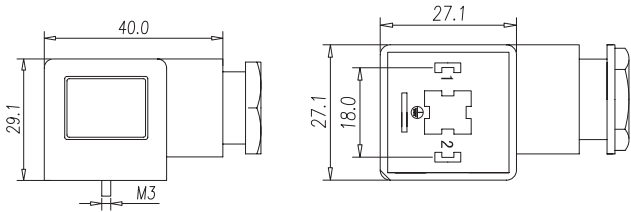


Magnetic valve connectors size A/B



Magnetic valve connectors size A,Assembly

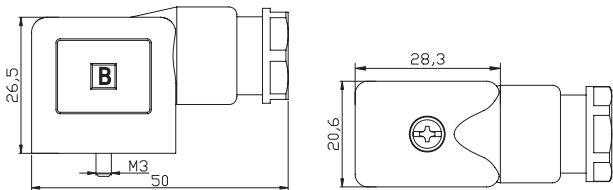
3,4poles



Description	Condng	Screw type	Contacts	Type	Order No.
Magnetic valve Connectors size A, Assembly	A	PG9	3-pole	RPC-MV-MA-3CON-PG9-M	4931020300
	A	PG9	4-pole	RPC-MV-MA-4CON-PG9-M	4931020400

Magnetic valve connectors size B,Assembly

3poles



Description	Condng	Screw type	Contacts	Type	Order No.
Magnetic valve Connectors size B, Assembly	B	PG9	3-pole	RPC-MV-MB-3CON-PG9-M	4932020300

Technical data	3pole	4pole
Nominal current UL	10A	6A
Rated voltage UL	250V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65	IP65
Operation temperature	-40°C~+125°C	-40°C~+100°C

Mechanical data	A/B	A
Condng	A/B	A
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PA	PA
Material contact/contact surface	CuZn/CuZn	CuZn/CuZn
Inflammability class in acc.with UL 94	V0	V0

Connector data	Screw connection	Screw connection
Type of connection	Screw connection	Screw connection
Cable diameter	6-9mm	6-9mm
Connection cross-section max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG max)	22AWG/16AWG	22AWG/16AWG

Assembly instruction

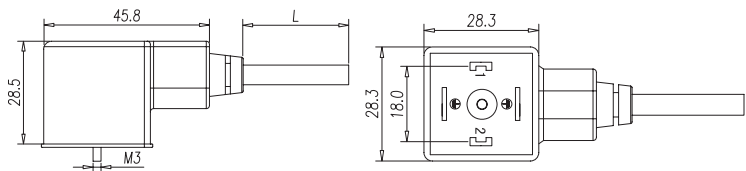
Magnetic valve

Magnetic valve connectors size A/B



Magnetic valve connectors size A,Moulded

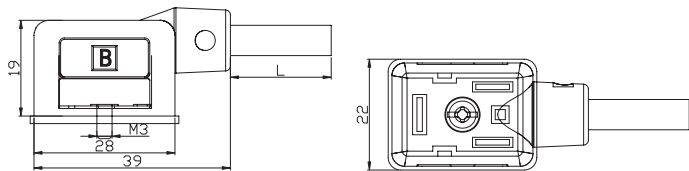
3,4poles



Description	Cable length	Conding	Contacts	Type	Order No.
Magnetic valve Connectors size A, Moulded-on cable	1.5m	A	3-pole	RPC-MV-MA-3CON-PUR-1.5	4991036015
	3.0m	A	3-pole	RPC-MV-MA-3CON-PUR-3.0	4991036030
	5.0m	A	3-pole	RPC-MV-MA-3CON-PUR-5.0	4991036050
	1.5m	A	4-pole	RPC-MV-MA-4CON-PUR-1.5	4991046015
	3.0m	A	4-pole	RPC-MV-MA-4CON-PUR-3.0	4991046030
	5.0m	A	4-pole	RPC-MV-MA-4CON-PUR-5.0	4991046050

Magnetic valve connectors size B,Moulded

3poles



Description	Cable length	Conding	Contacts	Type	Order No.
Magnetic valve Connectors size B, Moulded-on cable	1.5m	B	3-pole	RPC-MV-MB-3CON-PUR-1.5	4992036015
	3.0m	B	3-pole	RPC-MV-MB-3CON-PUR-3.0	4992036030
	5.0m	B	3-pole	RPC-MV-MB-3CON-PUR-5.0	4992036050

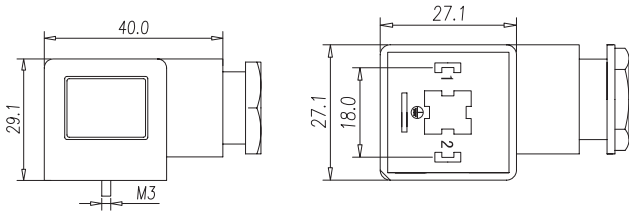
Technical data	3pole	4pole
Nominal current UL	10A	6A
Rated voltage UL	250V	250V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65	IP65
Operation temperature	-40°C~+125°C	-40°C~+100°C

Mechanical data	A/B	A
Conding	A/B	A
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PA	PA
Material contact/contact surface	CuZn/Ag	CuZn/Ag
Inflammability class in acc.with UL 94	V0	V0

Connector data	PUR	PUR
Cable Jacket	PUR	PUR
Cable diameter	6mm	6mm
Connection cross-section	0.75mm ²	0.75mm ²
Connection cross-section AWG	18AWG	18AWG

Magnetic valve connectors size A with LED

3,4poles



Description	Screw type	Contacts	Type	Order No.
Magnetic valve Connectors size A, Assembly,with LED	PG9	3-pole	RPC-MV-FR-3CON-PG9-L1	4991420300
	PG9	4-pole	RPC-MV-FR-4CON-PG9-L1	4991420400

Technical data	3pole	4pole
Nominal current UL	8A	8A
Rated voltage UL	24V	24V
Over voltage category	III	III
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Pollution degree	3	3
Degree of protection	IP65	IP65
Operation temperature	-40°C~+125°C	-40°C~+100°C

Mechanical data		
Conding	A	A
Mechanical operation	>500 mating cycles	>500 mating cycles
Contact carrier material	PA	PA
Material contact/contact surface	CuZn/CuZn	CuZn/CuZn
Inflammability class in acc.with UL 94	V0	V0

Connector data		
Type of connection	Screw connection	Screw connection
Cable diameter	6-9mm	6-9mm
Connection cross-section max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG max)	22AWG/16AWG	22AWG/16AWG

Assembly instruction

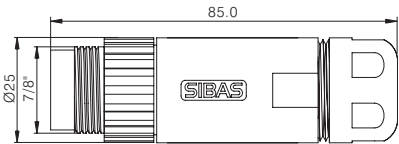
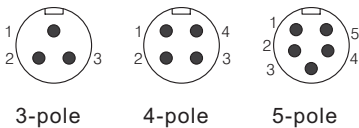
Mini 7/8"/Dim series

- Circular connector with MINI 7/8" screw locking
- Screw connection/Moulded/Solder
- RJ45 Cat.5e/6e Plug kits available for free cable length
- Degree of protection IP67
- Ambient temperature -25°C~90°C



Mini 7/8" Male Screw connection, Straight

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing	PG9	3-pole	RPC-MINI-MS-3CON-PG9-M	4510220300
	PG13.5	3-pole	RPC-MINI-MS-3CON-PG13.5-M	4510270300
	PG9	4-pole	RPC-MINI-MS-4CON-PG9-M	4510220400
	PG13.5	4-pole	RPC-MINI-MS-4CON-PG13.5-M	4510270400
	PG9	5-pole	RPC-MINI-MS-5CON-PG9-M	4510220500
	PG13.5	5-pole	RPC-MINI-MS-5CON-PG13.5-M	4510270500

Technical data	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

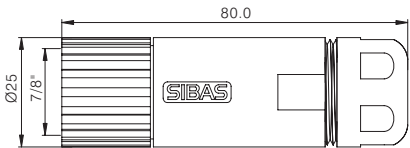
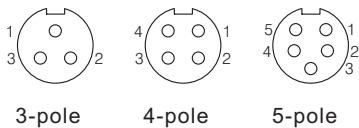
Mechanical data			
Contact carrier material	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data			
Type of connection	Screw connection	Screw connection	Screw connection
Cable diameter PG9	6-9mm	6-9mm	6-9mm
Cable diameter PG13.5	9-13mm	9-13mm	9-13mm
Connection cross-section min./max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG min/max)	22/16	22/16	22/16

Assembly instruction

Mini 7/8" Female Screw connection, Straight

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing	PG9	3-pole	RPC-MINI-FS-3CON-PG9-M	4500220310
	PG13.5	3-pole	RPC-MINI-FS-3CON-PG13.5-M	4500270310
	PG9	4-pole	RPC-MINI-FS-4CON-PG9-M	4500220410
	PG13.5	4-pole	RPC-MINI-FS-4CON-PG13.5-M	4500270410
	PG9	5-pole	RPC-MINI-FS-5CON-PG9-M	4500220510
	PG13.5	5-pole	RPC-MINI-FS-5CON-PG13.5-M	4500270510

Technical data	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

Mechanical data			
Contact carrier material	PA	PA	PA
Material contact/contact surface	Cu alloy/Ag	Cu alloy/Ag	Cu alloy/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data			
Type of connection	Screw connection	Screw connection	Screw connection
Cable diameter Pg9	6-9mm	6-9mm	6-9mm
Cable diameter Pg13.5	9-13mm	9-13mm	9-13mm
Connection cross-section min./max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG min/max)	22/16	22/16	22/16

Assembly instruction

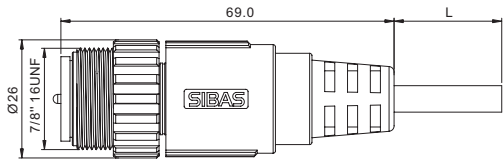
Mini 7/8" Male Moulded, Straight

Description: 7/8" straight plug, and free conductor end

3poles



3-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 3poles	0.75mm ²	RPC-MINI-MS-3CON-PUR-1.5	4514036015	RPC-MINI-MS-3CON-PVC-10	4515036015
3.0m, 3poles	0.75mm ²	RPC-MINI-MS-3CON-PUR-3.0	4514036030	RPC-MINI-MS-3CON-PVC-3.0	4515036030
5.0m, 3poles	0.75mm ²	RPC-MINI-MS-3CON-PUR-5.0	4514036050	RPC-MINI-MS-3CON-PVC-5.0	4515036050
10m, 3poles	0.75mm ²	RPC-MINI-MS-3CON-PUR-10.0	4514036100	RPC-MINI-MS-3CON-PVC-10.0	4515036100
1.5m, 3poles	1.50mm ²	RPC-MINI-MS-3CON-PUR-1.5S	4512036015	RPC-MINI-MS-3CON-PVC-10S	4511036015
3.0m, 3poles	1.50mm ²	RPC-MINI-MS-3CON-PUR-3.0S	4512036030	RPC-MINI-MS-3CON-PVC-3.0S	4511036030
5.0m, 3poles	1.50mm ²	RPC-MINI-MS-3CON-PUR-5.0S	4512036050	RPC-MINI-MS-3CON-PVC-5.0S	4511036050
10m, 3poles	1.50mm ²	RPC-MINI-MS-3CON-PUR-10.0S	4512036100	RPC-MINI-MS-3CON-PVC-10.0S	4511036100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	10A	10A	13A	13A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

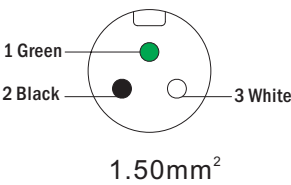
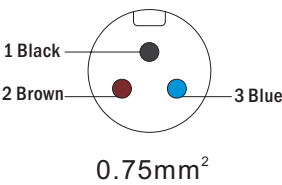
Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	5.8mm	5.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

Assembly instruction



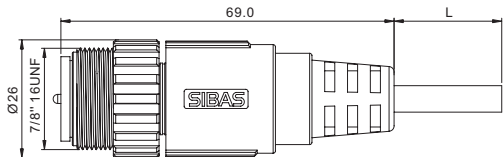
Mini 7/8" Male Moulded, Straight

Description: 7/8" straight plug, and free conductor end

4poles



4-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 4poles	0.75mm ²	RPC-MINI-MS-4CON-PUR-1.5	4514046015	RPC-MINI-MS-4CON-PVC-1.0	4515046015
3.0m, 4poles	0.75mm ²	RPC-MINI-MS-4CON-PUR-3.0	4514046030	RPC-MINI-MS-4CON-PVC-3.0	4515046030
5.0m, 4poles	0.75mm ²	RPC-MINI-MS-4CON-PUR-5.0	4514046050	RPC-MINI-MS-4CON-PVC-5.0	4515046050
10m, 4poles	0.75mm ²	RPC-MINI-MS-4CON-PUR-10.0	4514046100	RPC-MINI-MS-4CON-PVC-10.0	4515046100
1.5m, 4poles	1.50mm ²	RPC-MINI-MS-4CON-PUR-1.5S	4512046015	RPC-MINI-MS-4CON-PVC-1.0S	4511046015
3.0m, 4poles	1.50mm ²	RPC-MINI-MS-4CON-PUR-3.0S	4512046030	RPC-MINI-MS-4CON-PVC-3.0S	4511046030
5.0m, 4poles	1.50mm ²	RPC-MINI-MS-4CON-PUR-5.0S	4512046050	RPC-MINI-MS-4CON-PVC-5.0S	4511046050
10m, 4poles	1.50mm ²	RPC-MINI-MS-4CON-PUR-10.0S	4512046100	RPC-MINI-MS-4CON-PVC-10.0S	4511046100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	7A	7A	10A	10A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

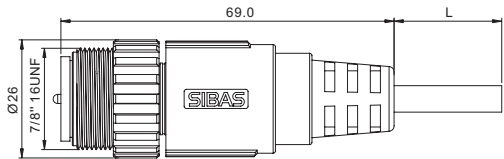
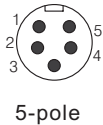
Assembly instruction



Mini 7/8" Male Moulded, Straight

Description: 7/8" straight plug, and free conductor end

5poles



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 5poles	0.75mm ²	RPC-MINI-MS-5CON-PUR-1.5	4514056015	RPC-MINI-MS-5CON-PVC-1.0	4515056015
3.0m, 5poles	0.75mm ²	RPC-MINI-MS-5CON-PUR-3.0	4514056030	RPC-MINI-MS-5CON-PVC-3.0	4515056030
5.0m, 5poles	0.75mm ²	RPC-MINI-MS-5CON-PUR-5.0	4514056050	RPC-MINI-MS-5CON-PVC-5.0	4515056050
10m, 5poles	0.75mm ²	RPC-MINI-MS-5CON-PUR-10.0	4514056100	RPC-MINI-MS-5CON-PVC-10.0	4515056100
1.5m, 5poles	1.50mm ²	RPC-MINI-MS-5CON-PUR-1.5S	4512056015	RPC-MINI-MS-5CON-PVC-1.0S	4511056015
3.0m, 5poles	1.50mm ²	RPC-MINI-MS-5CON-PUR-3.0S	4512056030	RPC-MINI-MS-5CON-PVC-3.0S	4511056030
5.0m, 5poles	1.50mm ²	RPC-MINI-MS-5CON-PUR-5.0S	4512056050	RPC-MINI-MS-5CON-PVC-5.0S	4511056050
10m, 5poles	1.50mm ²	RPC-MINI-MS-5CON-PUR-10.0S	4512056100	RPC-MINI-MS-5CON-PVC-10.0S	4511056100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	6A	6A	8A	8A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

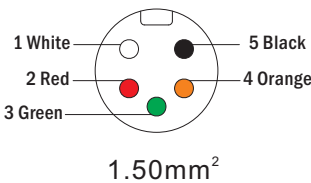
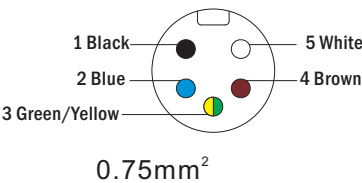
Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.8mm	6.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

Assembly instruction



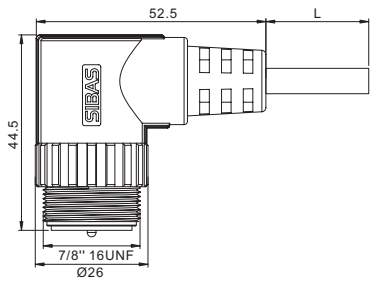
Mini 7/8" Male Moulded,Angled

Description:7/8" angled plug,and free conductor end

3poles



3-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,3poles	0.75mm ²	RPC-MINI-MR-3CON-PUR-1.5	4534036015	RPC-MINI-MR-3CON-PVC-1.0	4535036015
3.0m,3poles	0.75mm ²	RPC-MINI-MR-3CON-PUR-3.0	4534036030	RPC-MINI-MR-3CON-PVC-3.0	4535036030
5.0m,3poles	0.75mm ²	RPC-MINI-MR-3CON-PUR-5.0	4534036050	RPC-MINI-MR-3CON-PVC-5.0	4535036050
10m,3poles	0.75mm ²	RPC-MINI-MR-3CON-PUR-10.0	4534036100	RPC-MINI-MR-3CON-PVC-10.0	4535036100
1.5m,3poles	1.50mm ²	RPC-MINI-MR-3CON-PUR-1.5S	4532036015	RPC-MINI-MR-3CON-PVC-1.0S	4531036015
3.0m,3poles	1.50mm ²	RPC-MINI-MR-3CON-PUR-3.0S	4532036030	RPC-MINI-MR-3CON-PVC-3.0S	4531036030
5.0m,3poles	1.50mm ²	RPC-MINI-MR-3CON-PUR-5.0S	4532036050	RPC-MINI-MR-3CON-PVC-5.0S	4531036050
10m,3poles	1.50mm ²	RPC-MINI-MR-3CON-PUR-10.0S	4532036100	RPC-MINI-MR-3CON-PVC-10.0S	4531036100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	10A	10A	13A	13A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

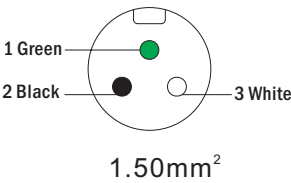
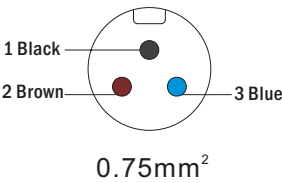
Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	5.8mm	5.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

Assembly instruction



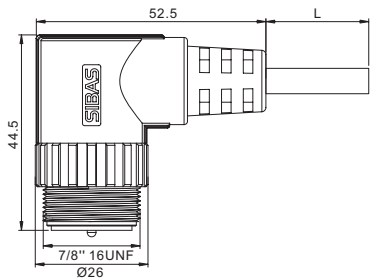
Mini 7/8" Male Moulded,Angled

Description:7/8" angled plug,and free conductor end

4poles



4-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,4poles	0.75mm ²	RPC-MINI-MR-4CON-PUR-1.5	4534046015	RPC-MINI-MR-4CON-PVC-1.5	4535046015
3.0m,4poles	0.75mm ²	RPC-MINI-MR-4CON-PUR-3.0	4534046030	RPC-MINI-MR-4CON-PVC-3.0	4535046030
5.0m,4poles	0.75mm ²	RPC-MINI-MR-4CON-PUR-5.0	4534046050	RPC-MINI-MR-4CON-PVC-5.0	4535046050
10m,4poles	0.75mm ²	RPC-MINI-MR-4CON-PUR-10.0	4534046100	RPC-MINI-MR-4CON-PVC-10.0	4535046100
1.5m,4poles	1.50mm ²	RPC-MINI-MR-4CON-PUR-1.5S	4532046015	RPC-MINI-MR-4CON-PVC-1.5S	4531046015
3.0m,4poles	1.50mm ²	RPC-MINI-MR-4CON-PUR-3.0S	4532046030	RPC-MINI-MR-4CON-PVC-3.0S	4531046030
5.0m,4poles	1.50mm ²	RPC-MINI-MR-4CON-PUR-5.0S	4532046050	RPC-MINI-MR-4CON-PVC-5.0S	4531046050
10m,4poles	1.50mm ²	RPC-MINI-MR-4CON-PUR-10.0S	4532046100	RPC-MINI-MR-4CON-PVC-10.0S	4531046100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	7A	7A	10A	10A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

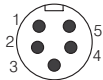
Assembly instruction



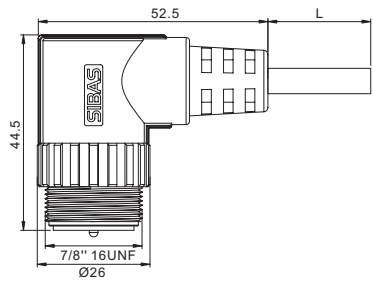
Mini 7/8" Male Moulded,Angled

Description:7/8" angled plug,and free conductor end

5poles



5-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,5poles	0.75mm ²	RPC-MINI-MR-5CON-PUR-1.5	4534056015	RPC-MINI-MR-5CON-PVC-1.5	4535056015
3.0m,5poles	0.75mm ²	RPC-MINI-MR-5CON-PUR-3.0	4534056030	RPC-MINI-MR-5CON-PVC-3.0	4535056030
5.0m,5poles	0.75mm ²	RPC-MINI-MR-5CON-PUR-5.0	4534056050	RPC-MINI-MR-5CON-PVC-5.0	4535056050
10m,5poles	0.75mm ²	RPC-MINI-MR-5CON-PUR-10.0	4534056100	RPC-MINI-MR-5CON-PVC-10.0	4535056100
1.5m,5poles	1.50mm ²	RPC-MINI-MR-5CON-PUR-1.5S	4532056015	RPC-MINI-MR-5CON-PVC-1.5S	4531056015
3.0m,5poles	1.50mm ²	RPC-MINI-MR-5CON-PUR-3.0S	4532056030	RPC-MINI-MR-5CON-PVC-3.0S	4531056030
5.0m,5poles	1.50mm ²	RPC-MINI-MR-5CON-PUR-5.0S	4532056050	RPC-MINI-MR-5CON-PVC-5.0S	4531056050
10m,5poles	1.50mm ²	RPC-MINI-MR-5CON-PUR-10.0S	4532056100	RPC-MINI-MR-5CON-PVC-10.0S	4531056100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	6A	6A	8A	8A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature plug	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

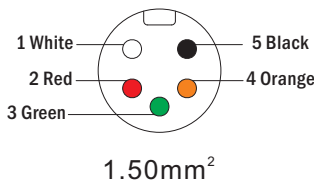
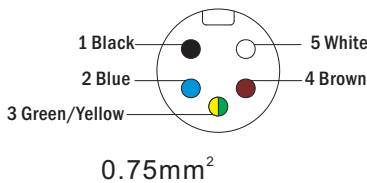
Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

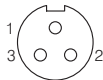
Assembly instruction



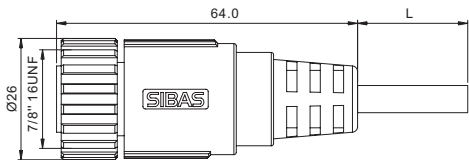
Mini 7/8" Female Moulded, Straight

Description: 7/8" straight socket, and free conductor end

3poles



3-pole



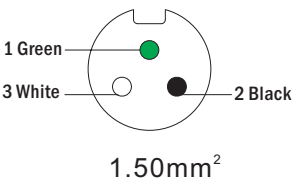
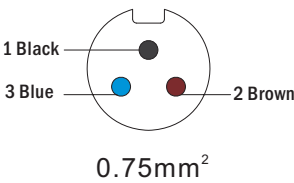
Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 3poles	0.75mm ²	RPC-MINI-FS-3CON-PUR-1.5	4504037015	RPC-MINI-FS-3CON-PVC-1.5	4505037015
3.0m, 3poles	0.75mm ²	RPC-MINI-FS-3CON-PUR-3.0	4504037030	RPC-MINI-FS-3CON-PVC-3.0	4505037030
5.0m, 3poles	0.75mm ²	RPC-MINI-FS-3CON-PUR-5.0	4504037050	RPC-MINI-FS-3CON-PVC-5.0	4505037050
10m, 3poles	0.75mm ²	RPC-MINI-FS-3CON-PUR-10.0	4504037100	RPC-MINI-FS-3CON-PVC-10.0	4505037100
1.5m, 3poles	1.50mm ²	RPC-MINI-FS-3CON-PUR-1.5S	4502037015	RPC-MINI-FS-3CON-PVC-1.5S	4501037015
3.0m, 3poles	1.50mm ²	RPC-MINI-FS-3CON-PUR-3.0S	4502037030	RPC-MINI-FS-3CON-PVC-3.0S	4501037030
5.0m, 3poles	1.50mm ²	RPC-MINI-FS-3CON-PUR-5.0S	4502037050	RPC-MINI-FS-3CON-PVC-5.0S	4501037050
10m, 3poles	1.50mm ²	RPC-MINI-FS-3CON-PUR-10.0S	4502037100	RPC-MINI-FS-3CON-PVC-10.0S	4501037100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	10A	10A	13A	13A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	5.8mm	5.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

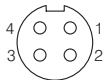
Assembly instruction



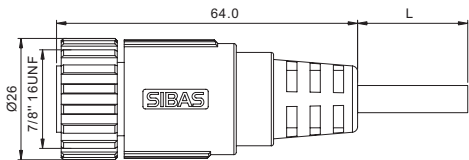
Mini 7/8" Female Moulded, Straight

Description: 7/8" straight socket, and free conductor end

4poles



4-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 4poles	0.75mm ²	RPC-MINI-FS-4CON-PUR-1.5	4504047015	RPC-MINI-FS-4CON-PVC-1.5	4505047015
3.0m, 4poles	0.75mm ²	RPC-MINI-FS-4CON-PUR-3.0	4504047030	RPC-MINI-FS-4CON-PVC-3.0	4505047030
5.0m, 4poles	0.75mm ²	RPC-MINI-FS-4CON-PUR-5.0	4504047050	RPC-MINI-FS-4CON-PVC-5.0	4505047050
10m, 4poles	0.75mm ²	RPC-MINI-FS-4CON-PUR-10.0	4504047100	RPC-MINI-FS-4CON-PVC-10.0	4505047100
1.5m, 4poles	1.50mm ²	RPC-MINI-FS-4CON-PUR-1.5S	4502047015	RPC-MINI-FS-4CON-PVC-1.5S	4501047015
3.0m, 4poles	1.50mm ²	RPC-MINI-FS-4CON-PUR-3.0S	4502047030	RPC-MINI-FS-4CON-PVC-3.0S	4501047030
5.0m, 4poles	1.50mm ²	RPC-MINI-FS-4CON-PUR-5.0S	4502047050	RPC-MINI-FS-4CON-PVC-5.0S	4501047050
10m, 4poles	1.50mm ²	RPC-MINI-FS-4CON-PUR-10.0S	4502047100	RPC-MINI-FS-4CON-PVC-10.0S	4501047100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	7A	7A	10A	10A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

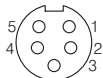
Assembly instruction



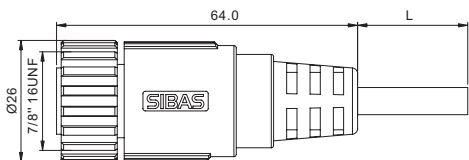
Mini 7/8" Female Moulded, Straight

Description: 7/8" straight socket, and free conductor end

5poles



5-pole



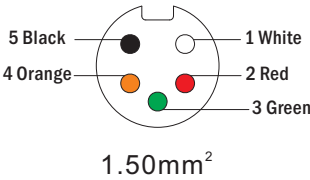
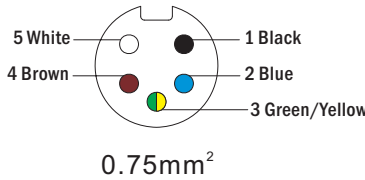
Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m, 5poles	0.75mm ²	RPC-MINI-FS-5CON-PUR-1.5	4504057015	RPC-MINI-FS-5CON-PVC-1.5	4505057015
3.0m, 5poles	0.75mm ²	RPC-MINI-FS-5CON-PUR-3.0	4504057030	RPC-MINI-FS-5CON-PVC-3.0	4505057030
5.0m, 5poles	0.75mm ²	RPC-MINI-FS-5CON-PUR-5.0	4504057050	RPC-MINI-FS-5CON-PVC-5.0	4505057050
10m, 5poles	0.75mm ²	RPC-MINI-FS-5CON-PUR-10.0	4504057100	RPC-MINI-FS-5CON-PVC-10.0	4505057100
1.5m, 5poles	1.50mm ²	RPC-MINI-FS-5CON-PUR-1.5S	4502057015	RPC-MINI-FS-5CON-PVC-1.5S	4501057015
3.0m, 5poles	1.50mm ²	RPC-MINI-FS-5CON-PUR-3.0S	4502057030	RPC-MINI-FS-5CON-PVC-3.0S	4501057030
5.0m, 5poles	1.50mm ²	RPC-MINI-FS-5CON-PUR-5.0S	4502057050	RPC-MINI-FS-5CON-PVC-5.0S	4501057050
10m, 5poles	1.50mm ²	RPC-MINI-FS-5CON-PUR-10.0S	4502057100	RPC-MINI-FS-5CON-PVC-10.0S	4501057100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	6A	6A	8A	8A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.8mm	6.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

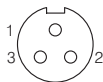
Assembly instruction



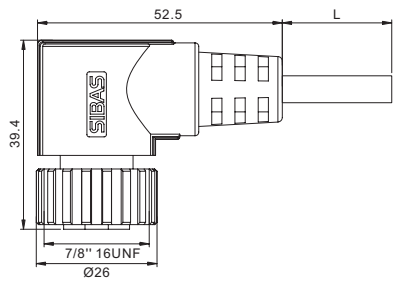
Mini 7/8" Female Moulded,Angled

Description:7/8" angled socket,and free conductor end

3poles



3-pole



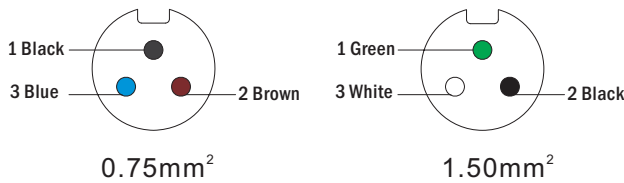
Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,3poles	0.75mm ²	RPC-MINI-FR-3CON-PUR-1.5	4524037015	RPC-MINI-FR-3CON-PVC-1.5	4525037015
3.0m,3poles	0.75mm ²	RPC-MINI-FR-3CON-PUR-3.0	4524037030	RPC-MINI-FR-3CON-PVC-3.0	4525037030
5.0m,3poles	0.75mm ²	RPC-MINI-FR-3CON-PUR-5.0	4524037050	RPC-MINI-FR-3CON-PVC-5.0	4525037050
10m,3poles	0.75mm ²	RPC-MINI-FR-3CON-PUR-10.0	4524037100	RPC-MINI-FR-3CON-PVC-10.0	4525037100
1.5m,3poles	1.50mm ²	RPC-MINI-FR-3CON-PUR-1.5S	4522037015	RPC-MINI-FR-3CON-PVC-1.5S	4521037015
3.0m,3poles	1.50mm ²	RPC-MINI-FR-3CON-PUR-3.0S	4522037030	RPC-MINI-FR-3CON-PVC-3.0S	4521037030
5.0m,3poles	1.50mm ²	RPC-MINI-FR-3CON-PUR-5.0S	4522037050	RPC-MINI-FR-3CON-PVC-5.0S	4521037050
10m,3poles	1.50mm ²	RPC-MINI-FR-3CON-PUR-10.0S	4522037100	RPC-MINI-FR-3CON-PVC-10.0S	4521037100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	10A	10A	13A	13A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	5.8mm	5.8mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

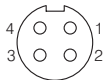
Assembly instruction



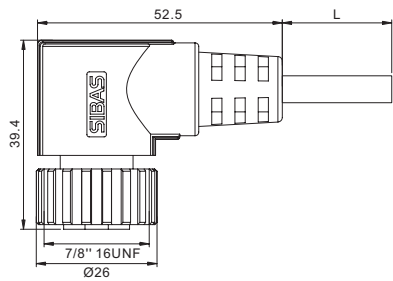
Mini 7/8" Female Moulded,Angled

Description:7/8" angled socket,and free conductor end

4poles



4-pole



Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,4poles	0.75mm ²	RPC-MINI-FR-4CON-PUR-1.5	4524047015	RPC-MINI-FR-4CON-PVC-1.5	4525047015
3.0m,4poles	0.75mm ²	RPC-MINI-FR-4CON-PUR-3.0	4524047030	RPC-MINI-FR-4CON-PVC-3.0	4525047030
5.0m,4poles	0.75mm ²	RPC-MINI-FR-4CON-PUR-5.0	4524047050	RPC-MINI-FR-4CON-PVC-5.0	4525047050
10m,4poles	0.75mm ²	RPC-MINI-FR-4CON-PUR-10.0	4524047100	RPC-MINI-FR-4CON-PVC-10.0	4525047100
1.5m,4poles	1.50mm ²	RPC-MINI-FR-4CON-PUR-1.5S	4522047015	RPC-MINI-FR-4CON-PVC-1.5S	4521047015
3.0m,4poles	1.50mm ²	RPC-MINI-FR-4CON-PUR-3.0S	4522047030	RPC-MINI-FR-4CON-PVC-3.0S	4521047030
5.0m,4poles	1.50mm ²	RPC-MINI-FR-4CON-PUR-5.0S	4522047050	RPC-MINI-FR-4CON-PVC-5.0S	4521047050
10m,4poles	1.50mm ²	RPC-MINI-FR-4CON-PUR-10.0S	4522047100	RPC-MINI-FR-4CON-PVC-10.0S	4521047100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	7A	7A	10A	10A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data

Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

Connector data

Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

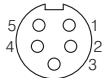
Assembly instruction



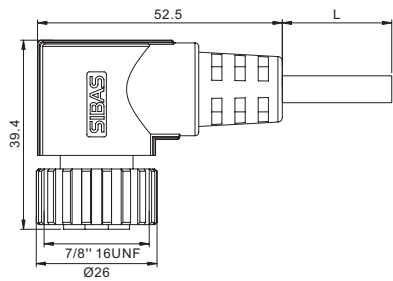
Mini 7/8" Female Moulded,Angled

Description:7/8" angled socket,and free conductor end

5poles



5-pole



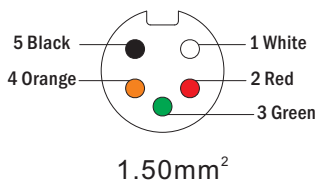
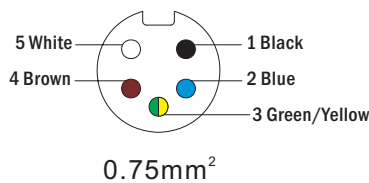
Description		PUR Cable		PVC Cable	
Cable length	Standard	Type	Order No.	Type	Order No.
1.5m,5poles	0.75mm ²	RPC-MINI-FR-5CON-PUR-1.5	4524057015	RPC-MINI-FR-5CON-PVC-1.5	4525057015
3.0m,5poles	0.75mm ²	RPC-MINI-FR-5CON-PUR-3.0	4524057030	RPC-MINI-FR-5CON-PVC-3.0	4525057030
5.0m,5poles	0.75mm ²	RPC-MINI-FR-5CON-PUR-5.0	4524057050	RPC-MINI-FR-5CON-PVC-5.0	4525057050
10m,5poles	0.75mm ²	RPC-MINI-FR-5CON-PUR-10.0	4524057100	RPC-MINI-FR-5CON-PVC-10.0	4525057100
1.5m,5poles	1.50mm ²	RPC-MINI-FR-5CON-PUR-1.5S	4522057015	RPC-MINI-FR-5CON-PVC-1.5S	4521057015
3.0m,5poles	1.50mm ²	RPC-MINI-FR-5CON-PUR-3.0S	4522057030	RPC-MINI-FR-5CON-PVC-3.0S	4521057030
5.0m,5poles	1.50mm ²	RPC-MINI-FR-5CON-PUR-5.0S	4522057050	RPC-MINI-FR-5CON-PVC-5.0S	4521057050
10m,5poles	1.50mm ²	RPC-MINI-FR-5CON-PUR-10.0S	4522057100	RPC-MINI-FR-5CON-PVC-10.0S	4521057100

Technical data	0.75mm ²		1.50mm ²	
	PUR Cable	PVC Cable	PUR Cable	PVC Cable
Nominal current	6A	6A	8A	8A
Rated voltage	300V	300V	600V	600V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Cable, fixed installation	-40°C~+80°C	-10°C~+70°C	-40°C~+80°C	-10°C~+70°C
Cable, flexible installation	-5°C~+80°C	-5°C~+70°C	-5°C~+80°C	-5°C~+70°C
Ambient temperature socket	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C	-25°C~+90°C

Mechanical data				
Insulating material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn	CuSn
Contact surface material	Ag	Ag	Ag	Ag
Material of grip body	TPU	TPU	TPU	TPU

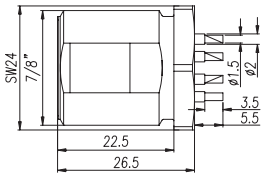
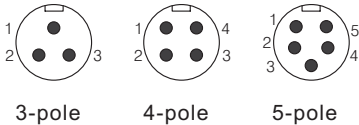
Connector data				
Cable Jacket	PUR	PVC	PUR	PVC
Cable diameter	6.3mm	6.3mm	10.2mm	10.2mm
Wire cross section	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²
Conductor structure	41x0.16mm	41x0.16mm	65x0.16mm	65x0.16mm

Assembly instruction



Mini 7/8" Male Base Solder,Front mounting,PG13.5 fastening thread

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Plug	PG13.5	3-pole	RPC-MINI-MF-3CON-PG13.5-LA	4552170380
Solder,Front mounting	PG13.5	4-pole	RPC-MINI-MF-4CON-PG13.5-LA	4552170480
PG13.5 fastening thread	PG13.5	5-pole	RPC-MINI-MF-5CON-PG13.5-LA	4552170580

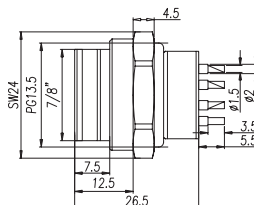
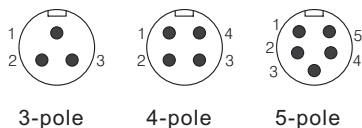
Technical data	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100mΩ	≥100mΩ	≥100mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data			
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data			
Type of connection	Solder	Solder	Solder
Connection cross-section min./max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG min/max)	22/16	22/16	22/16

Assembly instruction

3,4,5poles



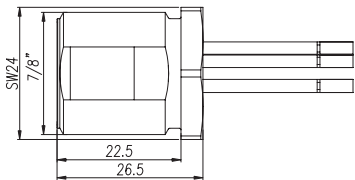
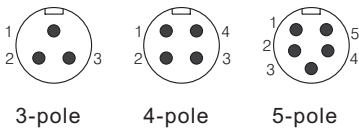
Technical data	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃	-25℃~+85℃

Connector data			
Type of connection	Solder	Solder	Solder
Connection cross-section min./max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG min/max)	22/16	22/16	22/16

VINI 7/8" Series

Mini 7/8" Male Base Solder,Front mounting,PG13.5 fastening thread,with wires

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Plug Mouleded Front mounting PG13.5 fastening Thread With wires	0.5m	3-pole	RPC-MINI-MF-3CON-PG13.5-0.5LA	4555036005
	1.5m	3-pole	RPC-MINI-MF-3CON-PG13.5-1.5LA	4555036015
	3.0m	3-pole	RPC-MINI-MF-3CON-PG13.5-3.0LA	4555036030
	0.5m	4-pole	RPC-MINI-MF-4CON-PG13.5-0.5LA	4555046005
	1.5m	4-pole	RPC-MINI-MF-4CON-PG13.5-1.5LA	4555046015
	3.0m	4-pole	RPC-MINI-MF-4CON-PG13.5-3.0LA	4555046030
	0.5m	5-pole	RPC-MINI-MF-5CON-PG13.5-0.5LA	4555056005
	1.5m	5-pole	RPC-MINI-MF-5CON-PG13.5-1.5LA	4555056015
	3.0m	5-pole	RPC-MINI-MF-5CON-PG13.5-3.0LA	4555056030

Technical data

	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100mΩ	≥100mΩ	≥100mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

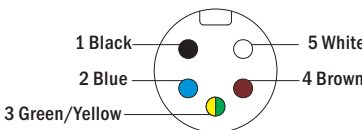
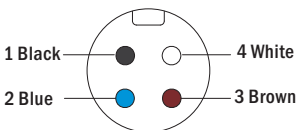
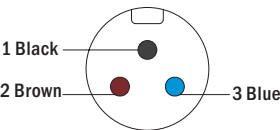
Mechanical data

Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data

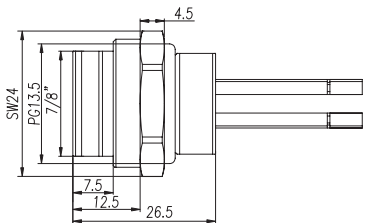
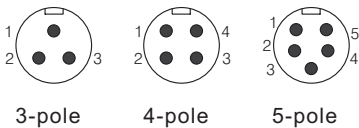
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.75mm ²	0.75mm ²	0.75mm ²
Connection cross-section AWG	18	18	18

Assembly instruction



Mini 7/8" Male Base Solder,Rear mounting,PG13.5 fastening thread,with wires

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Plug Moulded Rear mounting PG13.5 fastening Thread With wires	0.5m	3-pole	RPC-MINI-MB-3CON-PG13.5-0.5LA	4545036005
	1.5m	3-pole	RPC-MINI-MB-3CON-PG13.5-1.5LA	4545036015
	3.0m	3-pole	RPC-MINI-MB-3CON-PG13.5-3.0LA	4545036030
	0.5m	4-pole	RPC-MINI-MB-4CON-PG13.5-0.5LA	4545046005
	1.5m	4-pole	RPC-MINI-MB-4CON-PG13.5-1.5LA	4545046015
	3.0m	4-pole	RPC-MINI-MB-4CON-PG13.5-3.0LA	4545046030
	0.5m	5-pole	RPC-MINI-MB-5CON-PG13.5-0.5LA	4545056005
	1.5m	5-pole	RPC-MINI-MB-5CON-PG13.5-1.5LA	4545056015
	3.0m	5-pole	RPC-MINI-MB-5CON-PG13.5-3.0LA	4545056030

Technical data

	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

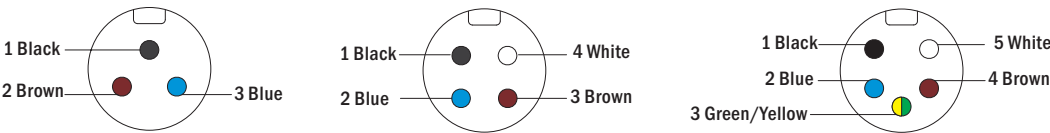
Mechanical data

Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Ag	Ag	Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data

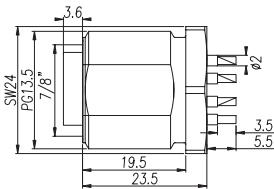
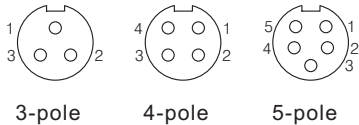
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.75mm ²	0.75mm ²	0.75mm ²
Connection cross-section AWG	18	18	18

Assembly instruction



Mini 7/8" Female Base Solder,Front mounting,PG13.5 fastening thread

3,4,5poles

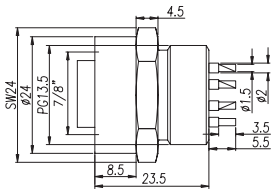
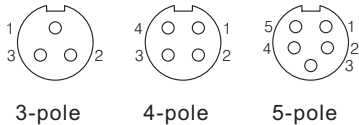


Description	Screw type	Contacts	Type	Order No.
7/8" Socket,Solder, Front mounting, PG13.5 fastening thread	PG13.5	3-pole	RPC-MINI-FF-3CON-PG13.5-LA	4552170390
	PG13.5	4-pole	RPC-MINI-FF-4CON-PG13.5-LA	4552170490
	PG13.5	5-pole	RPC-MINI-FF-5CON-PG13.5-LA	4552170590
Technical data				
		3pole	4pole	5pole
Nominal current		12A	9A	9A
Rated voltage		250V	250V	60V
Over voltage category		II	II	II
Contact resistance		≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance		≥100mΩ	≥100mΩ	≥100mΩ
Pollution degree		3	3	3
Degree of protection		IP67	IP67	IP67
Operation temperature		-25°C~+85°C	-25°C~+85°C	-25°C~+85°C
Mechanical data				
Contact carrier material		PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface		Cu Zn/Au	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94		HB	HB	HB
Connector data				
Type of connection		Solder	Solder	Solder
Connection cross-section min./max.		0.34mm²/1.5mm²	0.34mm²/1.5mm²	0.34mm²/1.5mm²
Connection cross-section (AWG min/max)		22/16	22/16	22/16

Assembly instruction

Mini 7/8" Female Base Solder,Rear mounting,PG13.5 fastening thread

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Socket,Solder, Rear mounting, Pg13.5 fastening thread	PG13.5	3-pole	RPC-MINI-FB-3CON-PG13.5-LA	4542170390
	PG13.5	4-pole	RPC-MINI-FB-4CON-PG13.5-LA	4542170490
	PG13.5	5-pole	RPC-MINI-FB-5CON-PG13.5-LA	4542170590

Technical data

	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data

Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Ag	Ag	Ag
Inflammability class in acc.with UL 94	HB	HB	HB

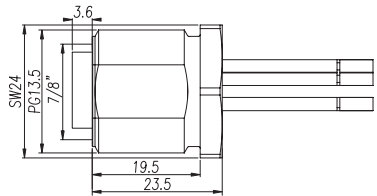
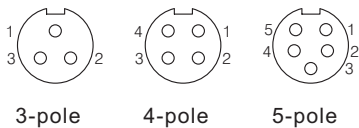
Connector data

Type of connection	Solder	Solder	Solder
Connection cross-section min./max.	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²	0.34mm ² /1.5mm ²
Connection cross-section (AWG min/max)	22/16	22/16	22/16

Assembly instruction

Mini 7/8" Female Base Solder,Front mounting,PG13.5 fastening thread,with wires

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Plug Moulded Front mounting PG13.5 fastening Thread With wires	0.5m	3-pole	RPC-MINI-FF-3CON-PG13.5-0.5LA	4555037005
	1.5m	3-pole	RPC-MINI-FF-3CON-PG13.5-1.5LA	4555037015
	3.0m	3-pole	RPC-MINI-FF-3CON-PG13.5-3.0LA	4555037030
	0.5m	4-pole	RPC-MINI-FF-4CON-PG13.5-0.5LA	4555047005
	1.5m	4-pole	RPC-MINI-FF-4CON-PG13.5-1.5LA	4555047015
	3.0m	4-pole	RPC-MINI-FF-4CON-PG13.5-3.0LA	4555047030
	0.5m	5-pole	RPC-MINI-FF-5CON-PG13.5-0.5LA	4555057005
	1.5m	5-pole	RPC-MINI-FF-5CON-PG13.5-1.5LA	4555057015
	3.0m	5-pole	RPC-MINI-FF-5CON-PG13.5-3.0LA	4555057030

Technical data

	3pole	4pole	5pole
Nominal current	9A	9A	9A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100mΩ	≥100mΩ	≥100mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

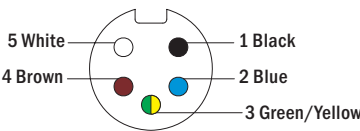
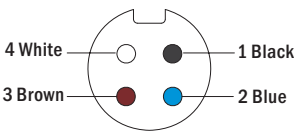
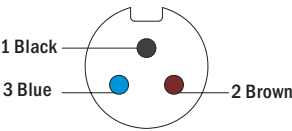
Mechanical data

Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data

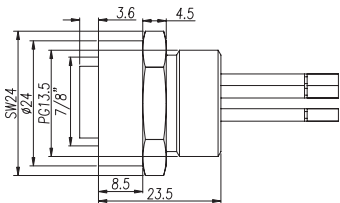
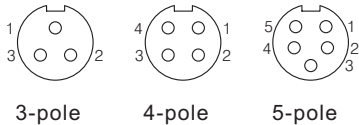
Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.75mm ²	0.75mm ²	0.75mm ²
Connection cross-section AWG	18	18	18

Assembly instruction



Mini 7/8" Female Base Solder,Rear mounting,PG13.5 fastening thread,with wires

3,4,5poles



Description	Screw type	Contacts	Type	Order No.
7/8" Plug Moulded Rear mounting PG13.5 fastening Thread With wires	0.5m	3-pole	RPC-MINI-FB-3CON-PG13.5-0.5LA	4545037005
	1.5m	3-pole	RPC-MINI-FB-3CON-PG13.5-1.5LA	4545037015
	3.0m	3-pole	RPC-MINI-FB-3CON-PG13.5-3.0LA	4545037030
	0.5m	4-pole	RPC-MINI-FB-4CON-PG13.5-0.5LA	4545047005
	1.5m	4-pole	RPC-MINI-FB-4CON-PG13.5-1.5LA	4545047015
	3.0m	4-pole	RPC-MINI-FB-4CON-PG13.5-3.0LA	4545047030
	0.5m	5-pole	RPC-MINI-FB-5CON-PG13.5-0.5LA	4545057005
	1.5m	5-pole	RPC-MINI-FB-5CON-PG13.5-1.5LA	4545057015
	3.0m	5-pole	RPC-MINI-FB-5CON-PG13.5-3.0LA	4545057030

Technical data

	3pole	4pole	5pole
Nominal current	12A	9A	9A
Rated voltage	250V	250V	250V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

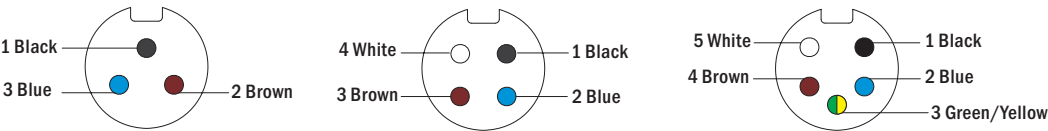
Mechanical data

Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Ag	Ag	Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data

Type of connection	Moulded	Moulded	Moulded
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.75mm ²	0.75mm ²	0.75mm ²
Connection cross-section AWG	18	18	18

Assembly instruction

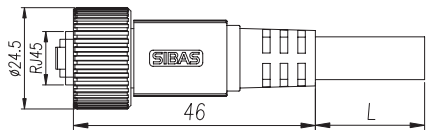


RJ45 Male Moulded, Straight, STP

Description: RJ45 straight plug, and free conductor end

8poles

8-pole



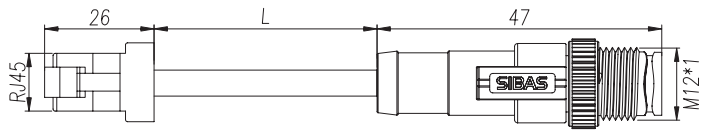
Description		PUR Cable		PVC Cable	
Cable length		Type	Order No.	Type	OrderNo.
1.5m,8poles		RPC-RJ45-MS-8CON-PUR-1.5SH	4916086015	RPC-RJ45-MS-8CON-PVC-1.5SH	4916086015
3.0m,8poles		RPC-RJ45-MS-8CON-PUR-3.0SH	4916086030	RPC-RJ45-MS-8CON-PVC-3.0SH	4916086030
5.0m,8poles		RPC-RJ45-MS-8CON-PUR-5.0SH	4916086050	RPC-RJ45-MS-8CON-PVC-5.0SH	4916086050
10m,8poles		RPC-RJ45-MS-8CON-PUR-10.0SH	4916086100	RPC-RJ45-MS-8CON-PVC-10.0SH	4916086100
Technical data		PUR Cable	PVC Cable		
Nominal current		1.5A	1.5A		
Rated voltage		125V	125V		
transmission characteristics(category)		CAT5e	CAT5e		
Contact resistance		≤5mΩ	≤5mΩ		
Pollution degree		3	3		
Degree of protection		IP67	IP67		
Cable,fixed installation		-40℃~+80℃	-10℃~+70℃		
Cable,flexible installation		-5℃~+80℃	-5℃~+70℃		
Ambient temperature plug		-25℃~+90℃	-25℃~+90℃		
Mechanical data					
Insulating material		PC	PC		
Contact material		CuSn	CuSn		
Contact surface material		Ni/Au	Ni/Au		
Material of grip body		TPU	TPU		
Connector data					
Cable standard		STP	STP		
Cable Jacket		PUR	PUR		
Cable diameter		6.8mm	6.8mm		
Wire cross section		0.25mm ²	0.25mm ²		

Assembly instruction

RJ45 Male on M12 Male, straight, STP, moulded

Description: RJ45 straight plug on straight M12 plug

8poles



8-pole



Description	PUR Cable		PVC Cable	
Cable length	Type	Order No.	Type	Order No.
1.5m,8poles	RPC-RJ45-8MS-1.5-M12-8MS-PUR	4966086015	RPC-RJ45-8MS-1.5-M12-8MS-PVC	4967086015
3.0m,8poles	RPC-RJ45-8MS-3.0-M12-8MS-PUR	4966086030	RPC-RJ45-8MS-3.0-M12-8MS-PVC	4967086030
5.0m,8poles	RPC-RJ45-8MS-5.0-M12-8MS-PUR	4966086050	RPC-RJ45-8MS-5.0-M12-8MS-PVC	4967086050
10m,8poles	RPC-RJ45-8MS-10.0-M12-8MS-PUR	4966086100	RPC-RJ45-8MS-10.0-M12-8MS-PVC	4967086100

Technical data	PUR Cable	PVC Cable
Nominal current	1.5A	1.5A
Rated voltage	125V	125V
transmission characteristics(category)	CAT5e	CAT5e
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Cable, fixed installation	-40℃~+80℃	-10℃~+70℃
Cable, flexible installation	-5℃~+80℃	-5℃~+70℃
Ambient temperature plug	-25℃~+90℃	-25℃~+90℃

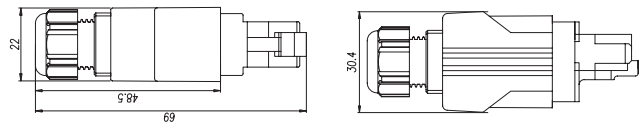
Mechanical data	PUR Cable	PVC Cable
Insulating material	PC/PA	PC/PA
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Connector data	PUR Cable	PVC Cable
Cable standard	UTP	UTP
Cable Jacket	PUR	PUR
Cable diameter	6.3mm	6.3mm
Wire cross section	0.25mm ²	0.25mm ²

Assembly instruction

RJ45 Male Moulded, Straight, Solder

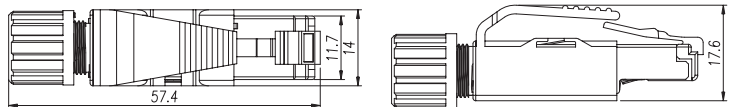
8poles



Description	Screw type	Contacts	Type	Order No.
RJ45 Socket	PG7	8-pole	RPC-RJ45-MS-8CON-PG9-M	4911010880
Solder	PG9	8-pole	RPC-RJ45-MS-8CON-PG9-M	4911020880

RJ45 Male Moulded, Straight, Pierce

4poles



Description	Screw type	Contacts	Type	Order No.
RJ45 Socket	PG7	4-pole	RPC-RJ45-FS-4CON-PG9-M	4911010480
Solder				

Technical data	8 Pole	4 Pole
Nominal current	1.5A	1.5A
Rated voltage	125V	125V
transmission characteristics(category)	CAT5e	CAT5e
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥100mΩ	≥100mΩ
Pollution degree	3	3
Degree of protection	IP20	IP20
Operation temperature	-25°C~+85°C	-25°C~+85°C

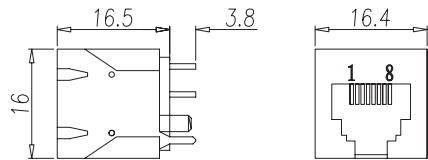
Mechanical data		
Contact carrier material	PBT	PA
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Solder	Pierce
Connection cross-section min./max.	0.25mm²/0.75mm²	0.14mm²/0.50mm²
Connection cross-section (AWG min/max)	24/18	26/20

Assembly instruction

RJ45 Female Base Solder,Rear mounting

8poles

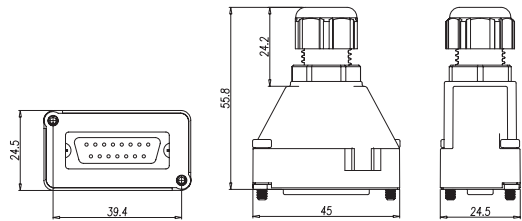


Description	Contacts	Type	OrderNo.
RJ45 Socket,Solder,Rear mounting	8-pole	RPC-RJ45-FB-8CON-PCB-LA	4941180890
Technical data			
	8 Pole		
Nominal current	1.5A		
Rated voltage	125V		
transmission characteristics(category)	CAT5e		
Over voltage category	II		
Contact resistance	≤5mΩ		
Insulation resistance	≥100mΩ		
Pollution degree	3		
Degree of protection	IP20		
Operation temperature	-25°C~+85°C		
Mechanical data			
Contact carrier material	PBT		
Material contact/contact surface	Cu Zn/Au		
Inflammability class in acc.with UL 94	HB		
Connector data			
Type of connection	Solder		
Connection cross-section min./max.	0.25mm²/0.75mm²		
Connection cross-section (AWG min/max)	24/18		

Assembly instruction

D-SUB Female Moulded, Straight

9,15poles



Description	Screw type	Contacts	Type	Order No.
D-SUB Socket Straight Solder Plastic housing	PG9	9-pole	RPC-D-SUB-FS-9CON-PG9-M	4903020980
	PG13.5	9-pole	RPC-D-SUB-FS-9CON-PG13.5-M	4903070980
	PG9	15-pole	RPC-D-SUB-FS-15CON-PG9-M	4903021580
	PG13.5	15-pole	RPC-D-SUB-FS-15CON-PG13.5-M	4903071580

Technical data

	9 Pole	15 Pole
Nominal current	5A	3A
Rated voltage	60V	60V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤8mΩ
Insulation resistance	≥100mΩ	≥100mΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40°C~+85°C	-40°C~+85°C

Mechanical data

Contact carrier material	PBT	PBT
Material contact/contact surface	Cu alloy/CuSnZn	Cu alloy/CuSnZn
Inflammability class in acc.with UL 94	HB	HB

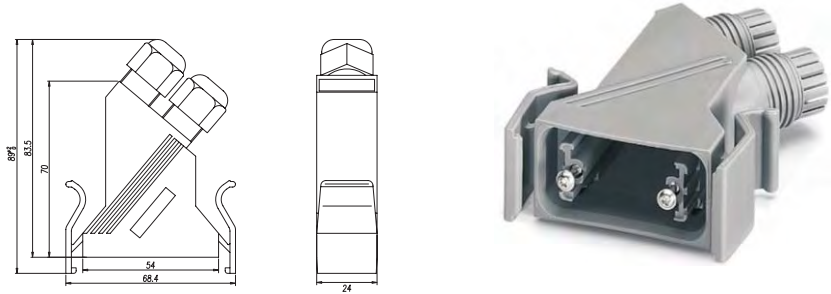
Connector data

Type of connection	Solder	Solder
Cable diameter PG9	6-9mm	6-9mm
Cable diameter PG13.5	9-13mm	9-13mm
Connection cross-section min./max.	0.14mm ² /0.5mm ²	0.14mm ² /0.34mm ²
Connection cross-section (AWG min/max)	26/20	24/20

Assembly instruction

D-SUB Male Solder, Straight, Shilded

9, 15 poles



Description	Screw type	Contacts	Type	Order No.
D-SUB Plug, Straight Solder Metal housing	PG9	9-pole	RPC-D-SUB-MS-9CON-PG9-SH	4903120980
	PG13.5	9-pole	RPC-D-SUB-MS-9CON-PG13.5-SH	4903170980
	PG9	15-pole	RPC-D-SUB-MS-15CON-PG9-SH	4903121580
	PG13.5	15-pole	RPC-D-SUB-MS-15CON-PG13.5-SH	4903171580

Technical data	9 Pole	15 Pole
Nominal current	5A	3A
Rated voltage	60V	60V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤8mΩ
Insulation resistance	≥100mΩ	≥100mΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-40℃~+85℃	-40℃~+85℃

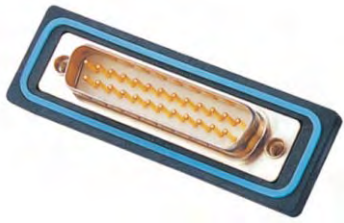
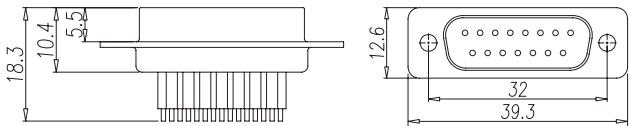
Mechanical data		
Contact carrier material	PBT	PBT
Material contact/contact surface	Cu alloy/CuSnZn	Cu alloy/CuSnZn
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Solder	Solder
Cable diameter PG9	6-9mm	6-9mm
Cable diameter PG13.5	9-13mm	9-13mm
Connection cross-section min./max.	0.14mm ² /0.5mm ²	0.14mm ² /0.34mm ²
Connection cross-section (AWG min/max)	26/20	24/20

Assembly instruction

D-SUB Male Base, Straight, Solder, Rear mounting

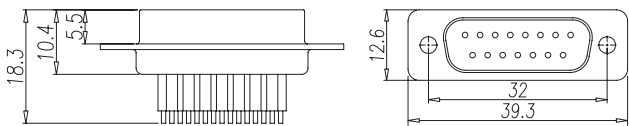
9, 15 poles



Description	Contacts	Type	Order No.
D-SUB, Plug, Straight, Solder, Plastic housing	9-pole	RPC-D-SUB-MS-9CON-PCB-LA	4943150900
	15-pole	RPC-D-SUB-MS-15CON-PCB-LA	4943151500
Technical data			
	9 Pole	15 Pole	
Nominal current	1A	1.5A	
Rated voltage	63V	125V	
Over voltage category	II	II	
Contact resistance	≤5mΩ	≤5mΩ	
Insulation resistance	≥100mΩ	≥100mΩ	
Pollution degree	3	3	
Degree of protection	IP20	IP20	
Operation temperature	-40°C~+85°C	-40°C~+85°C	
Mechanical data			
Contact carrier material	PBT	PBT	
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au	
Inflammability class in acc.with UL 94	V0	V0	
Connector data			
Type of connection	Solder	Solder	
Connection cross-section min./max.	0.14mm²/0.5mm²	0.14mm²/0.5mm²	
Connection cross-section (AWG min/max)	26/20	24/20	
Assembly instruction			

D-SUB Female Base, Straight, Solder, Rear mounting

9, 15 poles



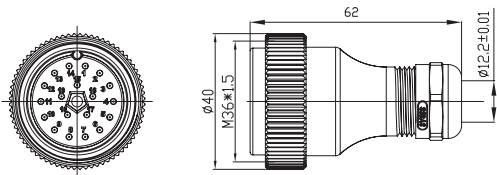
Description	Contacts	Type	Order No.
D-SUB, Socket, Straight, Solder, Plastic housing	9-pole	RPC-D-SUB-FS-9CON-PCB-LA	4943150990
	15-pole	RPC-D-SUB-FS-15CON-PCB-LA	4943151590
Technical data	9 Pole	15 Pole	
Nominal current	1A	1.5A	
Rated voltage	63V	125V	
Over voltage category	II	II	
Contact resistance	≤5mΩ	≤5mΩ	
Insulation resistance	≥100mΩ	≥100mΩ	
Pollution degree	3	3	
Degree of protection	IP20	IP20	
Operation temperature	-40°C~+85°C	-40°C~+85°C	
Mechanical data			
Contact carrier material	PBT	PBT	
Material contact/contact surface	Cu Zn/Au	Cu Zn/Au	
Inflammability class in acc.with UL 94	V0	V0	
Connector data			
Type of connection	Solder	Solder	
Connection cross-section min./max.	0.14mm²/0.5mm²	0.14mm²/0.5mm²	
Connection cross-section (AWG min/max)	26/20	24/20	

Assembly instruction

M36 Signal Male Moulded, Straight

19 poles

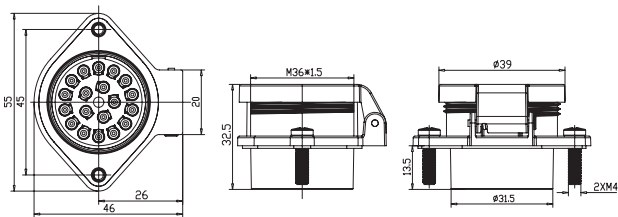
Crimp terminal(Order crimp contacts separately)



Description	Screw type	Contacts	Type	Order No.
M36 Plug, Moulded	PG9	19-pole	RPC-M36-MS-19CON-PG9-SH	4900121962
Straight, Metal housing	PG11	19-pole	RPC-M36-MS-19CON-PG11-SH	4900131962

M36 Signal Female base, Flange Mounting

19 poles



Description	Screw type	Contacts	Type	Order No.
M36 Socket, Moulded Metal housing	Flange Mounting	19-pole	RPC-M36-FB-19CON-PG9-LA	4950171972

Technical data

Nominal current	10A
Rated voltage	50V
Over voltage category	II
Contact resistance	$\leq 3\text{m}\Omega$
Insulation resistance	$\geq 10^{10}\Omega$
Pollution degree	2
Degree of protection	IP65
Operation temperature	$-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$

Mechanical data

Mechanical operation	>500
Contact carrier material	PC
Contact surface/plating	CuSn/Au

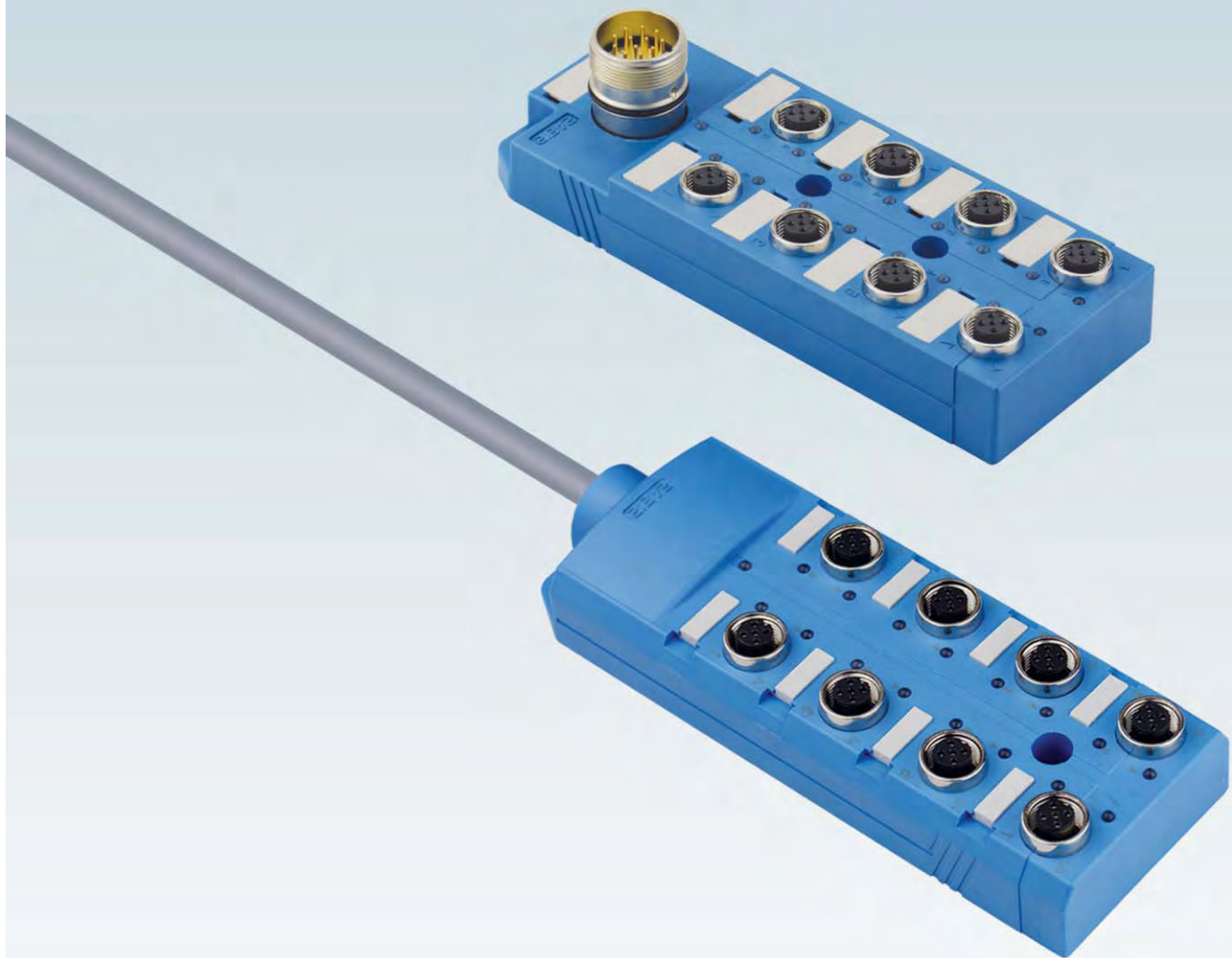
Connector data

Type of connection	Moulded
Cable diameter Pg9	8-12mm
Cable diameter Pg11	12-16mm
Connection cross-section min./max.	$0.34\text{mm}^2/1.0\text{mm}^2$

Assembly instruction

M8 sensor actuator boxes

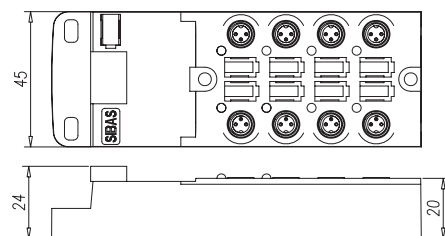
- M8 Multi-port input and output terminal block
- Number of Ports: 4 ports,6 port,8 ports,10 ports
- Single occupancy/Double occupancy
- Cable length 5m/10m
- Fast, simple installation with cage clamp terminals
- Twin communication of the plug-in stations
- Degree of protection IP65/IP67
- Ambient temperature -30°C~80°C



M8 Sensor Actuator boxes, With master cable, PNP, With LEDS, Single

Description: M8X1 straight plug, and free conductor end

4,6,8,10ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	PNP	3-pole	SAB-M8-PSL-3CON-4P-5PUR	5000304005
10.0m	4ports	PNP	3-pole	SAB-M8-PSL-3CON-4P-10PUR	5000304010
5.0m	6ports	PNP	3-pole	SAB-M8-PSL-3CON-6P-5PUR	5000306005
10.0m	6ports	PNP	3-pole	SAB-M8-PSL-3CON-6P-10PUR	5000306010
5.0m	8ports	PNP	3-pole	SAB-M8-PSL-3CON-8P-5PUR	5000308005
10.0m	8ports	PNP	3-pole	SAB-M8-PSL-3CON-8P-10PUR	5000308010
5.0m	10ports	PNP	3-pole	SAB-M8-PSL-3CON-10P-5PUR	5000310005
10.0m	10ports	PNP	3-pole	SAB-M8-PSL-3CON-10P-10PUR	5000310010

Technical data

3 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per slot	2A
Total current	6A
Insulation resistance	≥ 100MΩ
Slot Type	Single occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

Cable specification

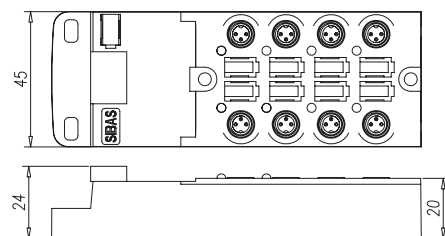
Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	2X0.75mm ² /18AWG

Assembly instruction

M8 Sensor Actuator boxes,With master cable,PNP,With LEDS,Double

Description:M8X1 straight plug, and free conductor end

4,6,8,10ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	PNP	4-pole	SAB-M8-PDL-4CON-4P-5PUR	5010404005
10.0m	4ports	PNP	4-pole	SAB-M8-PDL-4CON-4P-10PUR	5010404010
5.0m	6ports	PNP	4-pole	SAB-M8-PDL-4CON-6P-5PUR	5010406005
10.0m	6ports	PNP	4-pole	SAB-M8-PDL-4CON-6P-10PUR	5010406010
5.0m	8ports	PNP	4-pole	SAB-M8-PDL-4CON-8P-5PUR	5010408005
10.0m	8ports	PNP	4-pole	SAB-M8-PDL-4CON-8P-10PUR	5010408010
5.0m	10ports	PNP	4-pole	SAB-M8-PDL-4CON-10P-5PUR	5010410005
10.0m	10ports	PNP	4-pole	SAB-M8-PDL-4CON-10P-10PUR	5010410010

Technical data

4 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per slot	2A
Total current	6A
Insulation resistance	≥ 100MΩ
Slot Type	Double occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

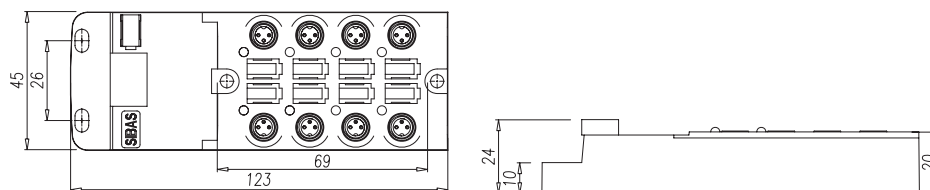
Cable specification

Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	2X0.75mm ² /18AWG

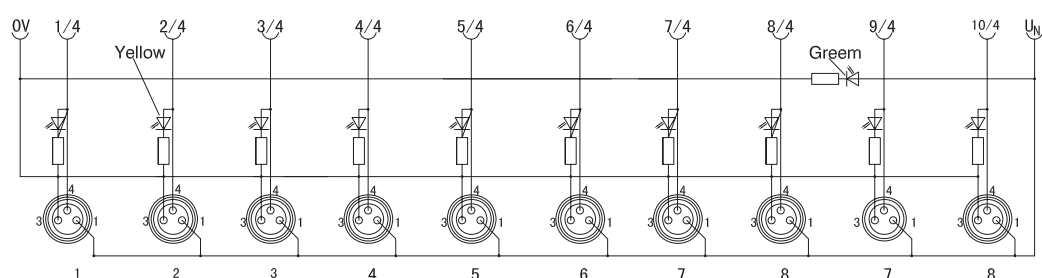
Assembly instruction

M8 Sensor Actuator boxes,With master cable,PNP,With LEDS,Double

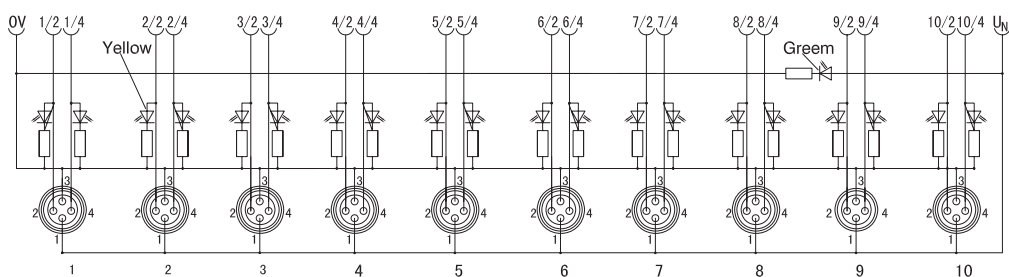
Dimensions



Circuit



Circuit diagram with 3-pole sockets,PNP,Single occupancy

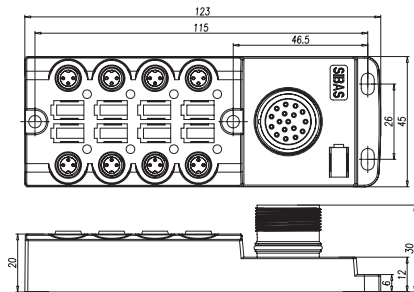


Circuit diagram with 4-pole sockets,PNP , Double occupancy

M8 Sensor Actuator boxes,With M23 plug-in connection,PNP,With LEDS,Single

Description:M8X1 straight plug, and free conductor end

4,6,8,10ports



Connction type	Ports	Type of signal	Contacts	Type	Order No.
M23	4ports	PNP	3-pole	SAB-M8-PSL-3CON-4P-M23	5000304412
M23	6ports	PNP	3-pole	SAB-M8-PSL-3CON-6P-M23	5000306412
M23	8ports	PNP	3-pole	SAB-M8-PSL-3CON-8P-M23	5000308412
M23	10ports	PNP	3-pole	SAB-M8-PSL-3CON-10P-M23	5000310412

Technical data

3 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per slot	2A
Total current	6A
Insulation resistance	≥ 100MΩ
Slot Type	Single occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

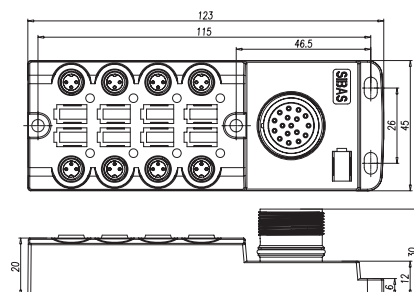
Cable specification

Contact type	M12/M16 Made
--------------	--------------

Assembly instruction

M8 Sensor Actuator boxes,With M23 plug-in connection,PNP,With LEDS,Double

Description:M8X1 straight plug, and free conductor end

4,6,8,10ports


Connction type	Ports	Type of signal	Contacts	Type	Order No.
M23	4ports	PNP	4-pole	SAB-M8-PDL-4CON-4P-M23	5010404419
M23	6ports	PNP	4-pole	SAB-M8-PDL-4CON-6P-M23	5010406419
M23	8ports	PNP	4-pole	SAB-M8-PDL-4CON-8P-M23	5010408419
M23	10ports	PNP	4-pole	SAB-M8-PDL-4CON-10P-M23	5010410419

Technical data
4 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per slot	2A
Total current	6A
Insulation resistance	≥ 100MΩ
Slot Type	Double occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

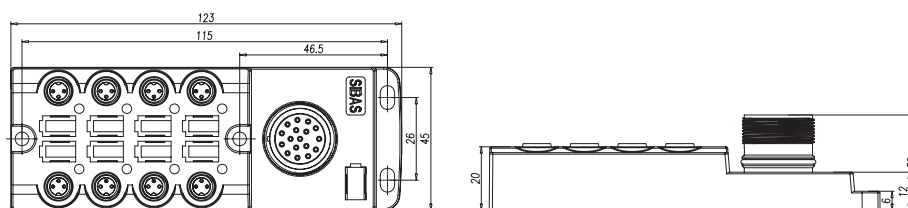
Cable specification

Contact type	M12/M16 Made
--------------	--------------

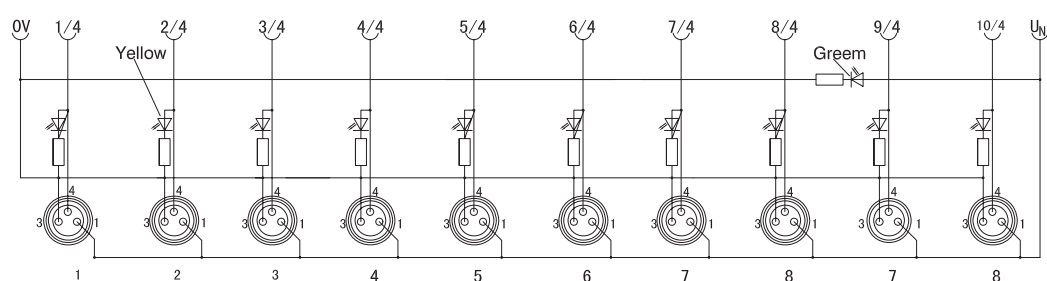
Assembly instruction

M8 Sensor Actuator boxes,With M23 plug-in connection,With LEDS

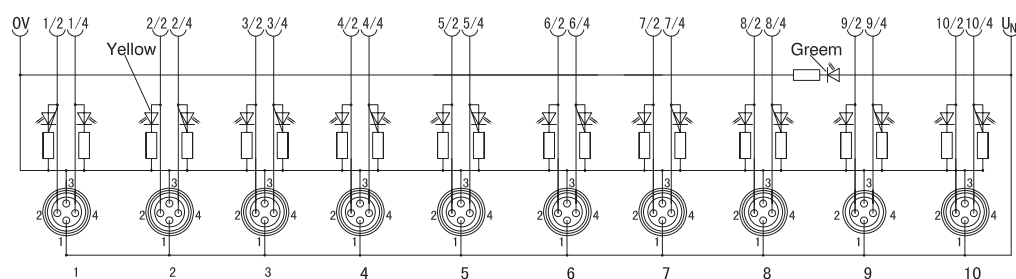
Dimensions



Circuit



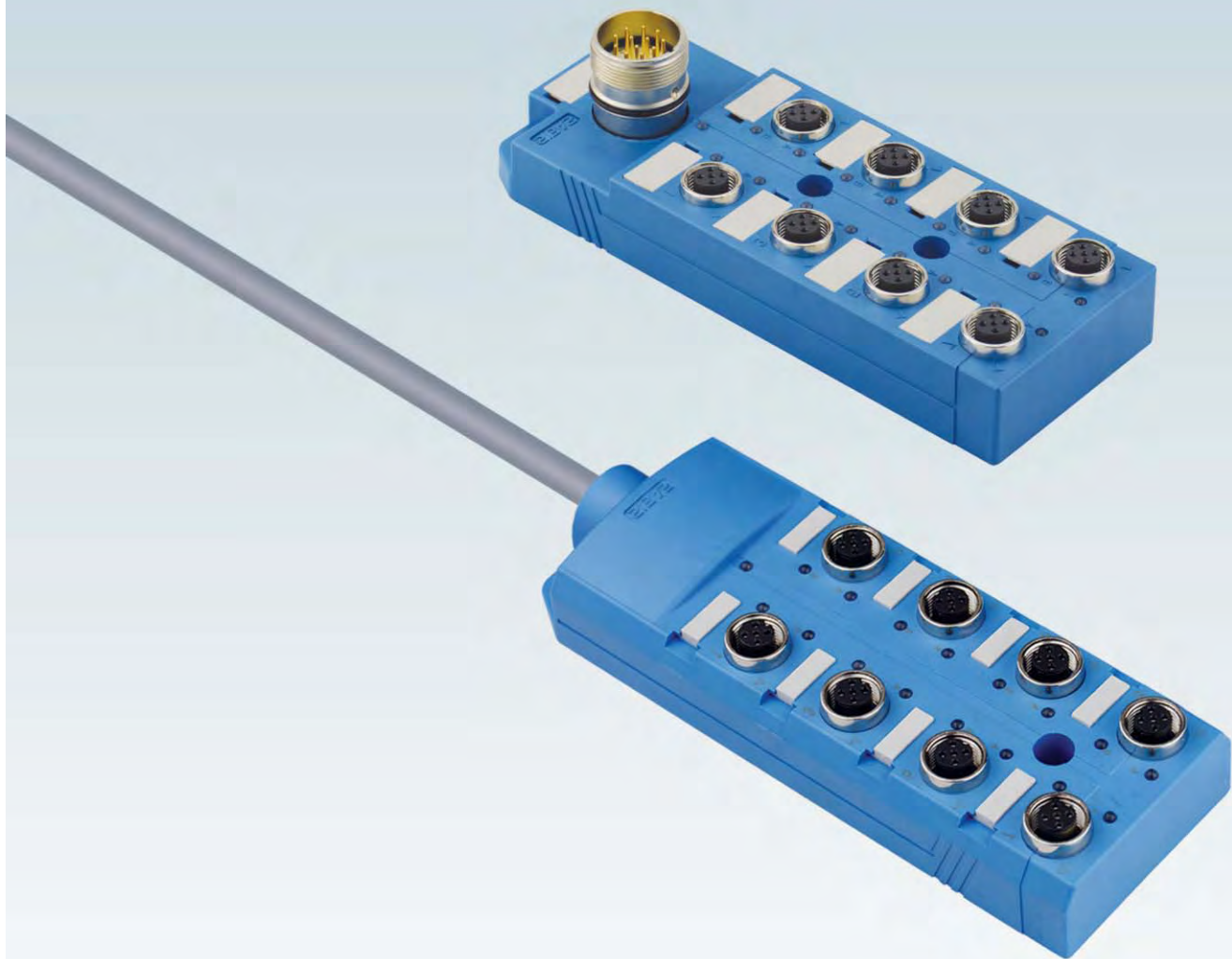
Circuit diagram with 3-pole sockets,PNP,Single occupancy



Circuit diagram with 4-pole sockets,PNP,Double occupancy

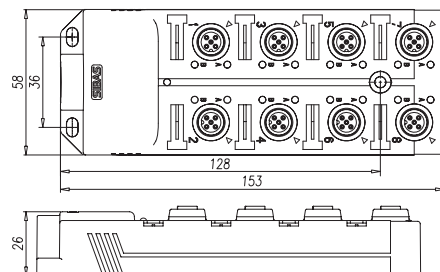
M12 sensor actuator boxes

- M12 Multi-port input and output terminal block
- Number of Ports: 4 ports,6 ports,8 ports
- Single occupancy/Double occupancy
- PNP/NPN
- Cable length 5m/10m
- Fast, simple installation with cage clamp terminals
- Twin communication of the plug-in stations
- LED indicator for module supply and I/O status
- Degree of protection IP65/IP67
- Ambient temperature -30°C~80°C



M12 Sensor Actuator boxes, With master cable, PNP, With LEDS, Single

4,6,8 ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	PNP	4-pole	SAB-M12-PSL-4CON-4P-5PUR	5100404050
10.0m	4ports	PNP	4-pole	SAB-M12-PSL-4CON-4P-10PUR	5100404100
5.0m	6ports	PNP	4-pole	SAB-M12-PSL-4CON-6P-5PUR	5100406050
10.0m	6ports	PNP	4-pole	SAB-M12-PSL-4CON-6P-10PUR	5100406100
5.0m	8ports	PNP	4-pole	SAB-M12-PSL-4CON-8P-5PUR	5100408050
10.0m	8ports	PNP	4-pole	SAB-M12-PSL-4CON-8P-10PUR	5100408100

Technical data

4 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per channel	2A
Current carrying capacity per slot	4A
Total current	12A
Insulation resistance	$\geq 100M\Omega$
Slot Type	Single occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

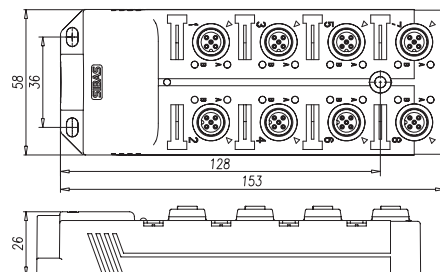
Cable specification

Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	3X0.75mm ² /18AWG

Assembly instruction

M12 Sensor Actuator boxes, With master cable, PNP, With LEDS, Double

4,6,8 ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	PNP	5-pole	SAB-M12-PDL-5CON-4P-5PUR	5110504050
10.0m	4ports	PNP	5-pole	SAB-M12-PDL-5CON-4P-10PUR	5110504100
5.0m	6ports	PNP	5-pole	SAB-M12-PDL-5CON-6P-5PUR	5110506050
10.0m	6ports	PNP	5-pole	SAB-M12-PDL-5CON-6P-10PUR	5110506100
5.0m	8ports	PNP	5-pole	SAB-M12-PDL-5CON-8P-5PUR	5110508050
10.0m	8ports	PNP	5-pole	SAB-M12-PDL-5CON-8P-10PUR	5110508100

Technical data

5 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per channel	2A
Current carrying capacity per slot	4A
Total current	12A
Insulation resistance	$\geq 100M\Omega$
Slot Type	Double occupancy
Type of signal	PNP
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

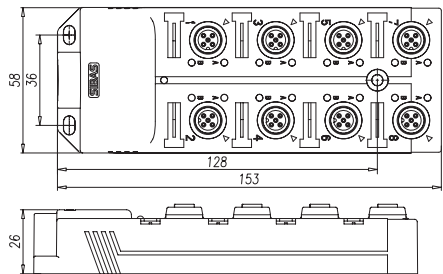
Cable specification

Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	3X0.75mm ² /18AWG

Assembly instruction

M12 Sensor Actuator boxes,With master cable,NPN,With LEDS,Single

4,6,8 ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	NPN	4-pole	SAB-M12-NSL-4CON-4P-5PUR	5120404050
10.0m	4ports	NPN	4-pole	SAB-M12-NSL-4CON-4P-10PUR	5120404100
5.0m	6ports	NPN	4-pole	SAB-M12-NSL-4CON-6P-5PUR	5120406050
10.0m	6ports	NPN	4-pole	SAB-M12-NSL-4CON-6P-10PUR	5120406100
5.0m	8ports	NPN	4-pole	SAB-M12-NSL-4CON-8P-5PUR	5120408050
10.0m	8ports	NPN	4-pole	SAB-M12-NSL-4CON-8P-10PUR	5120408100

Technical data		4 Poles
Nominal voltage		24V DC
Perm.operating voltage		30V DC
Current carrying capacity per channel		2A
Current carrying capacity per slot		4A
Total current		12A
Insulation resistance		≥100MΩ
Slot Type		Single occupancy
Type of signal		NPN
Pollution degree		3
Degree of protection		IP65/IP67
Operation temperature		-30℃~+80℃

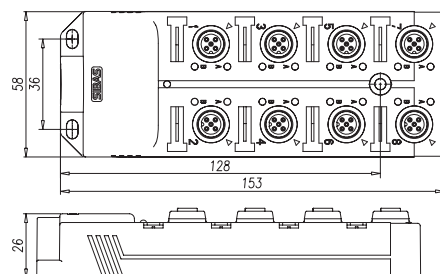
Mechanical data	
Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

Cable specification	
Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	3X0.75mm ² /18AWG

Assembly instruction

M12 Sensor Actuator boxes, With master cable, NPN, With LEDS, Double

4,6,8 ports



Cable length	Ports	Type of signal	Contacts	Type	Order No.
5.0m	4ports	NPN	5-pole	SAB-M12-NDL-5CON-4P-5PUR	5130504050
10.0m	4ports	NPN	5-pole	SAB-M12-NDL-5CON-4P-10PUR	5130504100
5.0m	6ports	NPN	5-pole	SAB-M12-NDL-5CON-6P-5PUR	5130506050
10.0m	6ports	NPN	5-pole	SAB-M12-NDL-5CON-6P-10PUR	5130506100
5.0m	8ports	NPN	5-pole	SAB-M12-NDL-5CON-8P-5PUR	5130508050
10.0m	8ports	NPN	5-pole	SAB-M12-NDL-5CON-8P-10PUR	5130508100

Technical data

5 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per channel	2A
Current carrying capacity per slot	4A
Total current	12A
Insulation resistance	≥100MΩ
Slot Type	Double occupancy
Type of signal	NPN
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

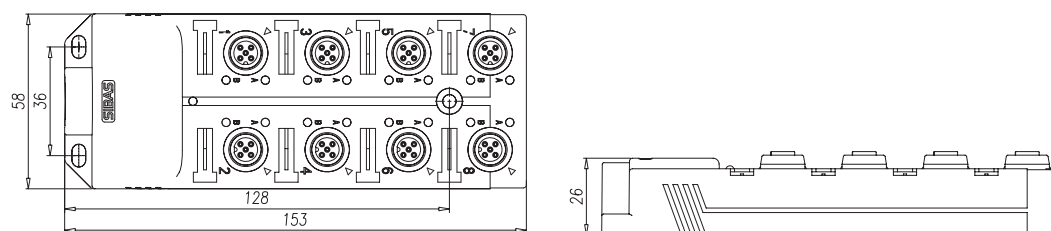
Cable specification

Signal line stranded	0.34mm ² /22AWG
Voltage supply stranded	3X0.75mm ² /18AWG

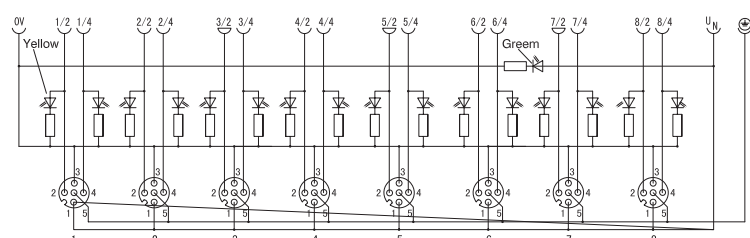
Assembly instruction

M12 Sensor Actuator boxes, With master cable, With LEDs

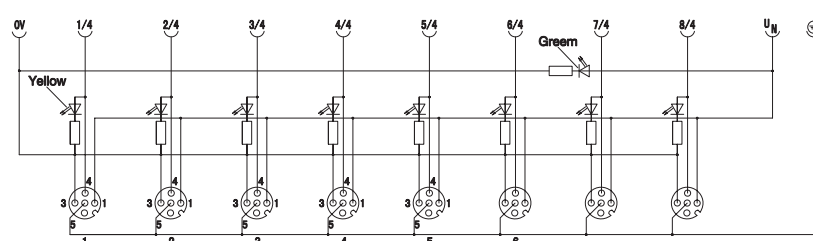
Dimensions



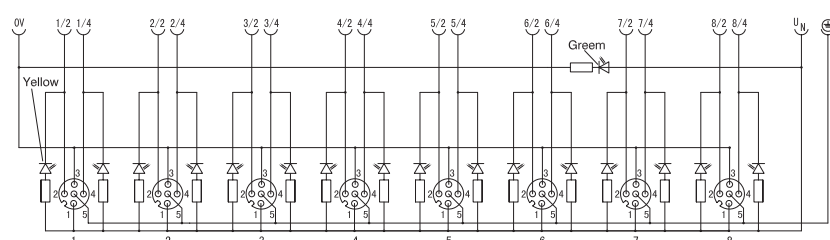
Circuit



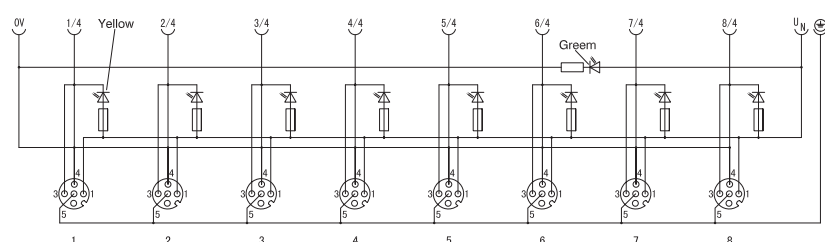
Circuit diagram with 5-pole sockets,PNP,Double occupancy



Circuit diagram with 4-pole sockets,PNP,Single occupancy



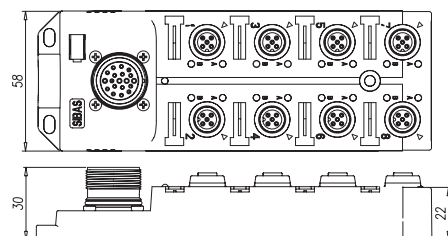
Circuit diagram with 5-pole sockets,NPN,Double occupancy



Circuit diagram with 4-pole sockets,NPN,Single occupancy

M12 Sensor Actuator boxes, With M23 connection, With LEDS, Single

4,6,8 ports



Connction type	Ports	Type of signal	Contacts	Type	Order No.
M23	4ports	PNP	4-pole	SAB-M12-PSL-4CON-4P-M23	5100404412
M23	4ports	NPN	4-pole	SAB-M12-NSL-4CON-4P-M23	5120404412
M23	6ports	PNP	4-pole	SAB-M12-PSL-4CON-6P-M23	5100406412
M23	6ports	NPN	4-pole	SAB-M12-NSL-4CON-6P-M23	5120406412
M23	8ports	PNP	4-pole	SAB-M12-PSL-4CON-8P-M23	5100408412
M23	8ports	NPN	4-pole	SAB-M12-NSL-4CON-8P-M23	5120408412

Technical data

4 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per channel	2A
Current carrying capacity per slot	4A
Total current	12A
Insulation resistance	≥ 100MΩ
Slot Type	Single occupancy
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

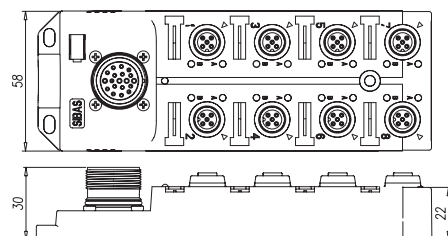
Contact specification

Contact type	M23 Made 12-pole
--------------	------------------

Assembly instruction

M12 Sensor Actuator boxes, With M23 connection, With LEDS, Double

4,6,8 ports



Connction type	Ports	Type of signal	Contacts	Type	Order No.
M23	4ports	PNP	5-pole	SAB-M12-PDL-5CON-4P-M23	5110504419
M23	4ports	NPN	5-pole	SAB-M12-NDL-5CON-4P-M23	5130504419
M23	6ports	PNP	5-pole	SAB-M12-PDL-5CON-6P-M23	5110506419
M23	6ports	NPN	5-pole	SAB-M12-NDL-5CON-6P-M23	5130506419
M23	8ports	PNP	5-pole	SAB-M12-PDL-5CON-8P-M23	5110508419
M23	8ports	NPN	5-pole	SAB-M12-NDL-5CON-8P-M23	5130508419

Technical data

4 Poles

Nominal voltage	24V DC
Perm.operating voltage	30V DC
Current carrying capacity per channel	2A
Current carrying capacity per slot	4A
Total current	12A
Insulation resistance	$\geq 10\text{m}\Omega$
Slot Type	Double occupancy
Pollution degree	3
Degree of protection	IP65/IP67
Operation temperature	-30°C~+80°C

Mechanical data

Housing	PBT
Contact carrier	PA
Contact	CuSn
Contact surface	Ni/AU
Inflammability class in acc.with UL 94	V0

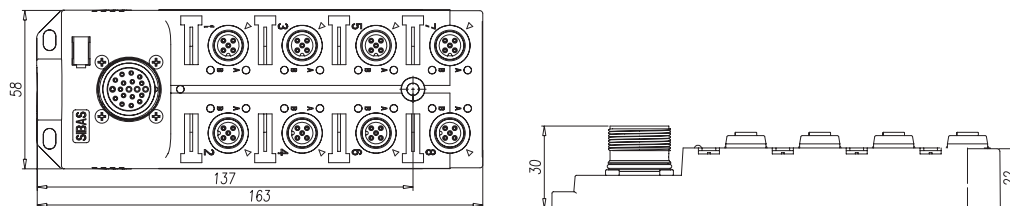
Cable specification

Contact type	M23 Made 9-pole
--------------	-----------------

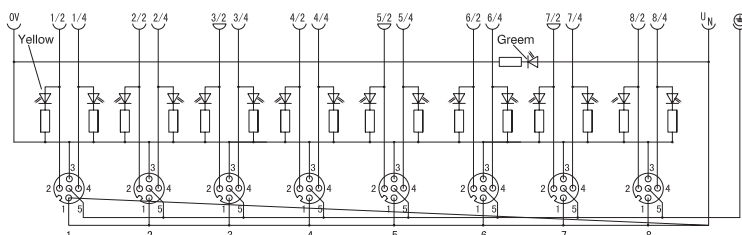
Assembly instruction

M12 Sensor Actuator boxes, With M23 plug-in connection, With LEDs, Single

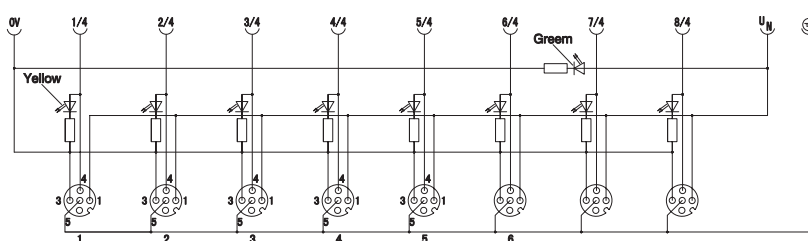
Dimensions



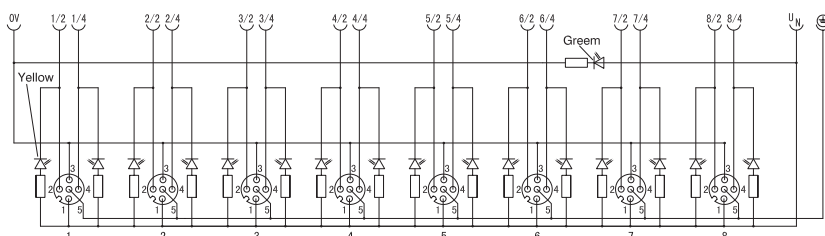
Circuit



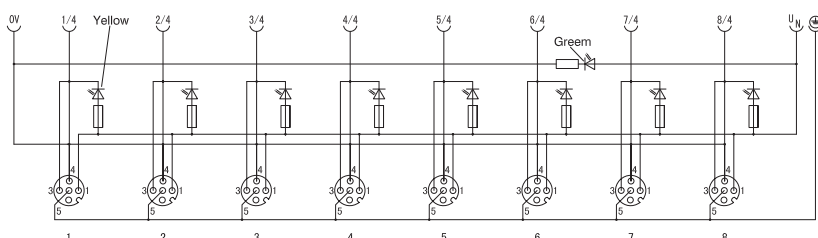
Circuit diagram with 5-pole sockets,PNP,Double occupancy



Circuit diagram with 4-pole sockets,PNP,Single occupancy



Circuit diagram with 5-pole sockets,NPN,Double occupancy



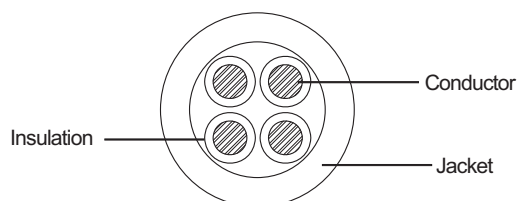
Circuit diagram with 4-pole sockets,NPN,Single occupancy

Sensor contact cable series

- 2,3,4,5,8 poles
- PVC cable/PUR cable /LSZH cable/Shidled cable
- Sheath color:Black/Gray/Orange/Yellow/Violet
- Degree of protection Ip65/IP67
- According to VDE 0472/UL 758

PVC cable

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Black	3x0.25mm ²	Brown/blue/black	4.5mm	PVC-3C-0.25-BK	4452530110
Black	3x0.34mm ²	Brown/blue/black	5.0mm	PVC-3C-0.34-BK	4503430110
Black	4x0.25mm ²	Brown/white/blue/black	4.5mm	PVC-4C-0.25-BK	4452540110
Black	4x0.34mm ²	Brown/white/blue/black	5.2mm	PVC-4C-0.34-BK	4523440110
Black	4x0.50mm ²	Brown/white/blue/black	5.2mm	PVC-4C-0.50-BK	4525050110
Black	5x0.34mm ²	Brown/white/blue/black/gray	5.2mm	PVC-5C-0.34-BK	4523450110
Black	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PVC-8C-0.25-BK	4582580110

Technical data

3 Poles

Degree of protection	IP67
Inflammability class	VW-1
Acceleration	5m/s ²
Speed	3m/s
Min.bending radius	5XD
Travel distance	5m
Torsion	+/-360°
Tested at	20°C~25°C

Mechanical data

Cable, fixed installation	-5°C~+105°C
Cable, flexible installation	-10°C~+105°C

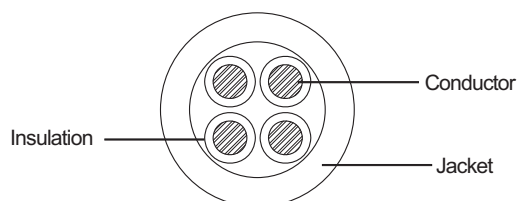
Cable specification

Conductor	Bare copper wire
Insulation	PVC/SR-PVC
Jacket	PVC

Assembly instruction

PUR High elasticity, wear-resistant

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Gray	3x0.25mm ²	Brown/blue/black	4.5mm	PUR-3C-0.25-GY	4452538320
Gray	3x0.34mm ²	Brown/blue/black	5.2mm	PUR-3C-0.34-GY	4523438320
Gray	4x0.25mm ²	Brown/white/blue/black	5.0mm	PUR-4C-0.25-GY	4502548320
Gray	4x0.34mm ²	Brown/white/blue/black	5.2mm	PUR-4C-0.34-GY	4523448320
Gray	4x0.50mm ²	Brown/white/blue/black	5.8mm	PUR-4C-0.50-GY	4585058320
Gray	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	PUR-5C-0.34-GY	4583458320
Gray	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PUR-8C-0.25-GY	4582588320

Technical data

3 Poles

Degree of protection	IP67
Inflammability class	VW-1
Acceleration	5m/s ²
Speed	3m/s
Min.bending radius	10XD
Travel distance	10m
Torsion	+/-360°
Tested at	20°C~25°C

Mechanical data

Cable, fixed installation	-30°C~+80°C
Cable, flexible installation	-40°C~+80°C

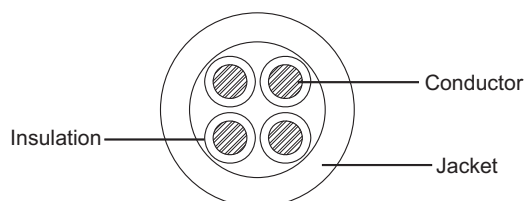
Cable specification

Conductor	Bare copper wire
Insulation	PE/PP/PVC
Jacket	PUR

Assembly instruction

PUR High elasticity, resistant to welding beads

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Orange	3x0.25mm ²	Brown/blue/black	4.5mm	PUR-3C-0.25-OG-RW	4452538330
Orange	3x0.34mm ²	Brown/blue/black	5.2mm	PUR-3C-0.34-OG-RW	4523438330
Orange	4x0.25mm ²	Brown/white/blue/black	5.0mm	PUR-4C-0.25-OG-RW	4502548330
Orange	4x0.34mm ²	Brown/white/blue/black	5.2mm	PUR-4C-0.34-OG-RW	4523448330
Orange	4x0.50mm ²	Brown/white/blue/black	5.8mm	PUR-4C-0.50-OG-RW	4585058330
Orange	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	PUR-5C-0.34-OG-RW	4583458330
Orange	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PUR-8C-0.25-OG-RW	4582588330

Technical data

3 Poles

Degree of protection	IP67
Inflammability class	VW-1
Acceleration	5m/s ²
Speed	3m/s
Min.bending radius	5XD
Travel distance	5m
Torsion	+/-360°
Tested at	20°C~25°C

Ambient temperature

Cable, fixed installation	-30°C~+120°C
Cable, flexible installation	-40°C~+120°C
Operating temperature	-120°C~+3000am

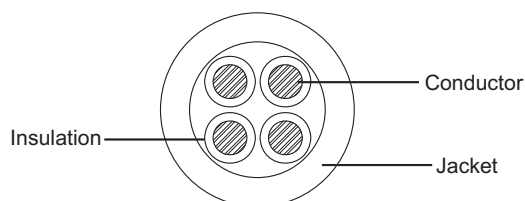
Cable specification

Conductor	Bare copper wire
Insulation	PE/PP/PVC
Jacket	PUR

Assembly instruction

LSZH cable

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Yellow	3x0.25mm ²	Brown/blue/black	4.5mm	PUR-3C-0.25-YE-LS	4452533040
Yellow	3x0.34mm ²	Brown/blue/black	5.0mm	PUR-3C-0.34-YE-LS	4523443040
Yellow	4x0.25mm ²	Brown/white/blue/black	5.0mm	PUR-4C-0.25-YE-LS	4502543040
Yellow	4x0.34mm ²	Brown/white/blue/black	5.2mm	PUR-4C-0.34-YE-LS	4523443040
Yellow	4x0.50mm ²	Brown/white/blue/black	5.8mm	PUR-4C-0.50-YE-LS	4585043040
Yellow	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	PUR-5C-0.34-YE-LS	4583453040
Yellow	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PUR-8C-0.25-YE-LS	4585043040

Technical data

3 Poles

Degree of protection	IP67
Inflammability class	VW-1
Acceleration	5m/s ²
Speed	3m/s
Min.bending radius	5XD
Travel distance	5m
Torsion	+/-360°
Tested at	20°C~25°C

Ambient temperature

Cable, fixed installation	-30°C~+80°C
Cable, flexible installation	-40°C~+80°C

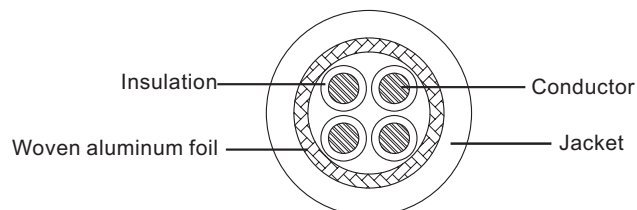
Cable specification

Conductor	Bare copper wire
Insulation	PE/PVC
Jacket	LSZH material

Assembly instruction

PVC Shielded cable

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Black	3x0.25mm ²	Brown/blue/black	5.2mm	PVC-3C-0.25-BK-SH	4522530211
Black	3x0.34mm ²	Brown/blue/black	5.2mm	PVC-3C-0.34-BK-SH	4523430211
Black	4x0.25mm ²	Brown/white/blue/black	5.8mm	PVC-4C-0.25-BK-SH	4452540211
Black	4x0.34mm ²	Brown/white/blue/black	5.8mm	PVC-4C-0.34-BK-SH	4583440211
Black	4x0.50mm ²	Brown/white/blue/black	6.3mm	PVC-4C-0.50-BK-SH	4635040211
Black	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	PVC-5C-0.34-BK-SH	4583450211
Black	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PVC-8C-0.25-BK-SH	4582580211

Technical data

3 Poles

Degree of protection	IP65
Inflammability class	VW-1
Min.bending radius	5XD
Travel distance	5m
Torsion	+/-360°
Tested at	20°C~25°C
Shielding rate	≥80%

Ambient temperature

Cable, fixed installation	-5°C~+105°C
Cable, flexible installation	-10°C~+105°C

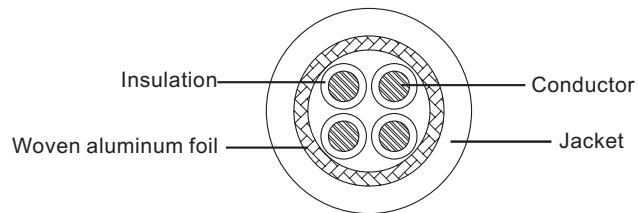
Cable specification

Braided shield	Tinned copper wire
Conductor	Bare copper wire
Insulation	PVC/SR-PVC
Jacket	PVC

Assembly instruction

PUR Shielded cable

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Gray	3x0.25mm ²	Brown/blue/black	5.2mm	PUR-3C-0.25-GR-SH	4522538321
Gray	3x0.34mm ²	Brown/blue/black	5.2mm	PUR-3C-0.34-GR-SH	4523438321
Gray	4x0.25mm ²	Brown/white/blue/black	5.8mm	PUR-4C-0.25-GR-SH	4522548321
Gray	4x0.34mm ²	Brown/white/blue/black	5.8mm	PUR-4C-0.34-GR-SH	4523448321
Gray	4x0.50mm ²	Brown/white/blue/black	6.3mm	PUR-4C-0.50-GR-SH	4635048321
Gray	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	PUR-5C-0.34-GR-SH	4583458321
Gray	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	PUR-8C-0.25-GR-SH	4582588321

Technical data

3 Poles

Degree of protection	IP65
Inflammability class	VW-1
Acceleration	5m/s ²
Speed	3m/s
Min.bending radius	10XD
Travel distance	10m
Torsion	+/-360°
Tested at	20°C~25°C

Ambient temperature

Cable, fixed installation	-30°C~+80°C
Cable, flexible installation	-40°C~+80°C

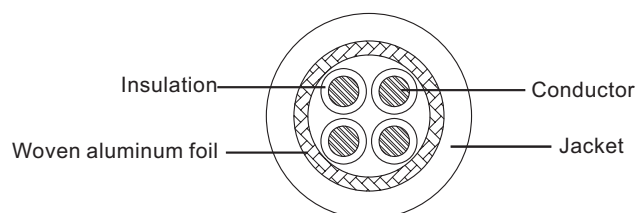
Cable specification

Conductor	Bare copper wire
Insulation	PE/PP/PVC
Jacket	PUR

Assembly instruction

Towline cable

3,4,5,8 poles



Sheath color	Cable Type	Conductor colors	Cable diameter	Type	Order No.
Violet	3x0.25mm ²	Brown/blue/black	4.5mm	T0-3C-0.25-VT-LS	4452533050
Violet	3x0.34mm ²	Brown/blue/black	5.2mm	T0-3C-0.34-VT-LS	4523443050
Violet	4x0.25mm ²	Brown/white/blue/black	5.2mm	T0-3C-0.25-VT-LS	4522543050
Violet	4x0.34mm ²	Brown/white/blue/black	5.2mm	T0-3C-0.34-VT-LS	4583443050
Violet	4x0.50mm ²	Brown/white/blue/black	5.8mm	T0-3C-0.25-VT-LS	4585043050
Violet	5x0.34mm ²	Brown/white/blue/black/gray	5.8mm	T0-3C-0.34-VT-LS	4585043050
Violet	8x0.25mm ²	Brown/white/green/yellow/gray/pink/blue/red	5.8mm	T0-3C-0.25-VT-LS	4585043050

Technical data

3 Poles

Degree of protection	IP67
Inflammability class	VW-1
Acceleration	10m/s ²
Speed	3m/s
Min.bending radius	10XD
Travel distance	10m
Torsion	+/-360°
Tested at	20°C~25°C

Ambient temperature

Cable, fixed installation	-30°C~+105°C
Cable, flexible installation	-40°C~+105°C

Cable specification

Conductor	Bare copper wire
Insulation	PE/PVC
Jacket	PUR

Assembly instruction

Crimping tools

Crimp tool

For M23 connector(12#-26#)



Crimp tool

For M23 connector(20#-30#)



Type	RPC-M23-T-B	Type	RPC-M23-T-S
Order No.	4 39 000 0001	Order No.	4 39 000 0002

M8/M12 Attachment

Remove tools

Used for M8/M12 sensor actuator boxes mark



Hex nut M8

Used for M8 base screw



Type	RPC-M12-P-B	Type	RPC-MB-M8-S
Order No.	4 19 020 0201	Order No.	4 09 214 0000

Base screw

Hex nut PG9

Used for M12 base screw



Nut M18

Used for M16 base screw



Type	RPC-MB-PG9-S	Type	RPC-MB-M18-S
Order No.	4 19 212 0000	Order No.	4 69 212 0000

M8/M12 Attachment

Cable sets

Used for mark on the cable fixing plate



M8 wrench

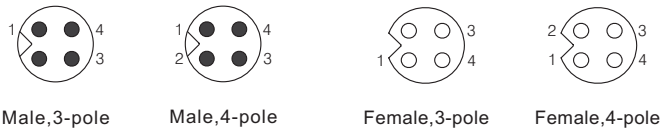
Used for M8 screw



Type	RPC-M12-C-S	Type	RPC-M8-T-L
Order No.	4 19 020 0001	Order No.	4 09 000 0001

M5 Series

Pin assignment

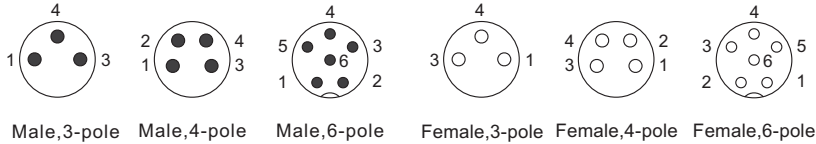


Wire colors(Plug/Socket)

PIN	Wire color	
	3-pole	4-pole
1	Brown	Brown
2		White
3	Blue	Blue
4	Black	Black

M8 Series

Pin assignment

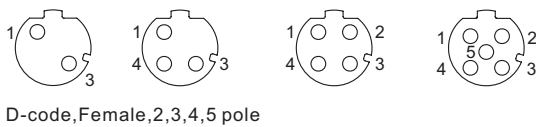
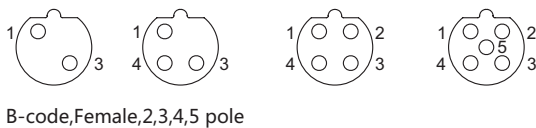
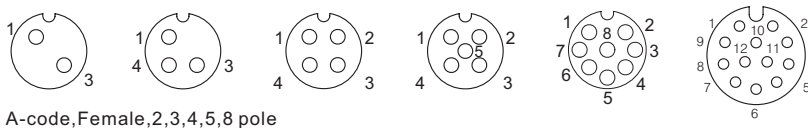
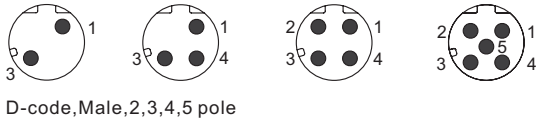
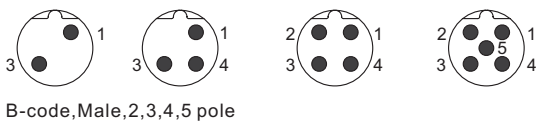
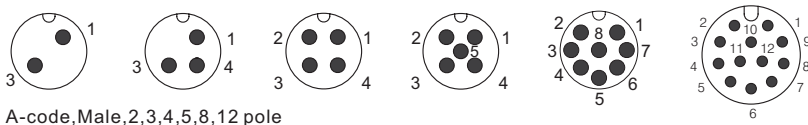


Wire colors(Plug/Socket)

PIN	Wire color	
	3-pole	4-pole
1	Brown	Brown
2		White
3	Blue	Blue
4	Black	Black

M12 Series

Pin assignment

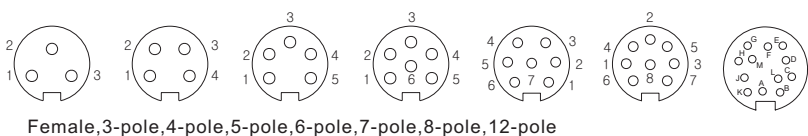
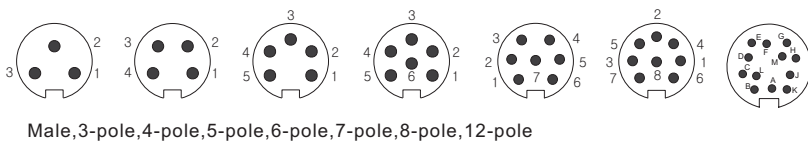


Wire colors(Plug/Socket)

PIN	Wire color				
	3-pole	4-pole	5-pole	8-pole	12-pole
1	Brown	Brown	Brown	White	Brown
2		White	White	Brown	Blue
3	Blue	Blue	Blue	Green	White
4	Black	Black	Black	Yellow	Green
5			Gray	Gray	Pink
6				Pink	Yellow
7				Blue	Black
8				Red	Gray
9					Red
10					Violet
11					Gray/Pink
12					Red/Blue

M16 Series

Pin assignment



M23 Series

Pin assignment,Signal series



Male,Clockwise

Male,Counter-clockwise



Female,Clockwise

Female,Counter-clockwise

Pin assignment,Power series



Male,5+PE

Male,4+3+PE

Female,5+PE

Female,4+3+PE

RD24 Series

Pin assignment



Male,4-pole

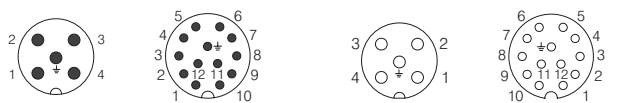
Male,7-pole

Female,4-pole

Female,7-pole

RD30 Series

Pin assignment



Male,5-pole

Male,13-pole

Female,5-pole

Female,13-pole

7/8" Series

Pin assignment

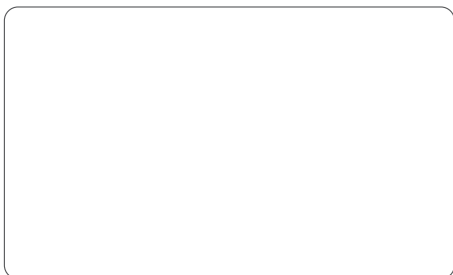


Male,3-pole,4-pole,5-pole

Female,3-pole,4-pole,5-pole



经销商/Distributor:



“SIBAS”, “西霸士”是厦门德利兴电气设备有限公司的注册商标

“SIBAS”, “西霸士” are trademarks of Xiamen DeLiXing Electric Equipement Co.,Ltd.All Rights Reserved.

厦门西霸士连接器有限公司

地址:厦门火炬（翔安）高新技术产业区翔虹路20号
电话:0592-6018855
传真:0592-6018833
邮件:sales@sibas.cn
网址:Http://www.sibas.cn
邮编:361101

Xiamen Sibas contact Co.,Ltd

Add:No.20 Xiang Hong Road,Torch High-techDevelopment
Zone, Xiang'an,Xiamen,P.R.China
Tel: +86-592-6018855
Fax: +86-592-6018833
E-mail:sales@sibas.cn
Http://www.sibas.cn
Zipcode:361101