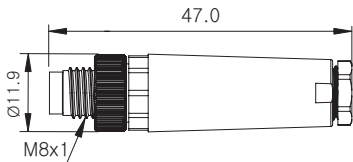
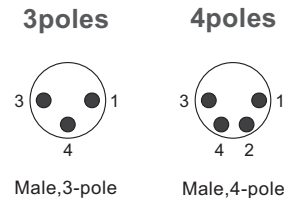


M8 circular connectors series

- 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

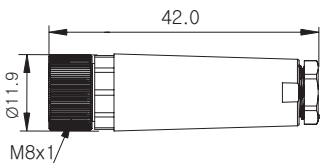
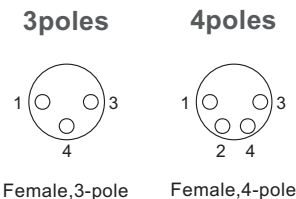


M8 Male Screw connection, Straight



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



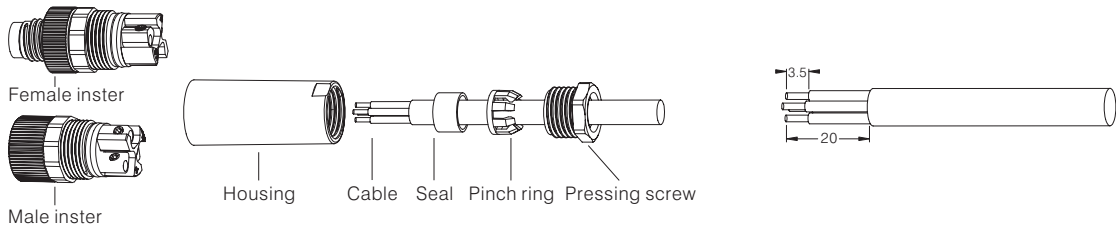
Description	Screw type	Contacts	Type	Order No.
M8X1 Socket, Straight	PG7	3-pole	RPC-M8-FS-3CON-PG7-M	4000010310
Screw connection, Plastic housing	PG7	4-pole	RPC-M8-FS-4CON-PG7-M	4000010410

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℃~+85℃	-40℃~+85℃

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

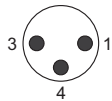
Connector data		
Type of connection	Screw connection	Screw connection
Cable diameter	3.5-5.0mm	3.5-5.0mm
Connection cross-section min./max	0.14mm²/0.25mm²	0.14mm²/0.25mm²
Connection cross-section AWG min./max	26/24	26/24

Assembly instruction



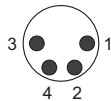
M8 Male Screw connection, Angled

3poles

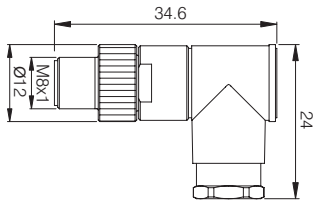


Male,3-pole

4poles



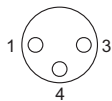
Male,4-pole



Description	Screw type	Contacts	Type	Order No.
M8X1 Plug,Angled	PG7	3-pole	RPC-M8-MR-3CON-PG7-M	4030010300
Screw connection,Plastic housing	PG7	4-pole	RPC-M8-MR-4CON-PG7-M	4030010400

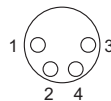
M8 Female Screw connection, Angled

3poles

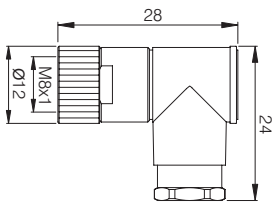


Female,3-pole

4poles



Female,4-pole



Description	Screw type	Contacts	Type	Order No.
M8X1 Socket,Angled	PG7	3-pole	RPC-M8-FR-3CON-PG7-M	4020010310
Screw connection,Plastic housing	PG7	4-pole	RPC-M8-FR-4CON-PG7-M	4020010410

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℃~+85℃	-40℃~+85℃

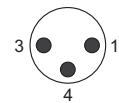
Mechanical data		
Contact carrier material	PA	PA
Material contact/contact surface	Cu alloy/Au	Cu alloy/Au
Inflammability class in acc.with UL 94	V0	V0

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

Assembly instruction

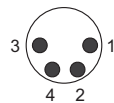
M8 Male Solder connection, Straight,Shielded

3poles

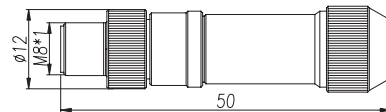


Male,3-pole

4poles



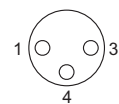
Male,4-pole



Description	Screw type	Contacts	Type	Order No.
M8X1 Plug, Straight, 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

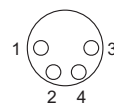
M8 Female Solder connection, Straight,Shielded

3poles

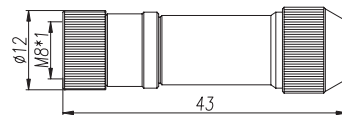


Female,3-pole

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 connection, 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℃~+85℃	-40℃~+85℃

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

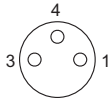
Type of connection	Solder connection	Solder connection
Cable diameter	3.5-5.0mm	3.5-5.0mm
Connection cross-section min./max	0.14mm ² /0.25mm ²	0.14mm ² /0.25mm ²
Connection cross-section AWG min./max	26/24	26/24

Assembly instruction

M8 Female Moulded , Straight,Special,Quick connect

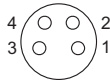
Description:M8 Quick Connect straight socket, and free conductor end

3poles

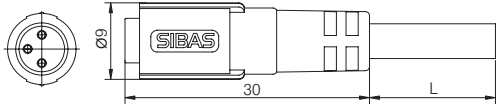


Female,3-pole

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°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

4.5mm

4.5mm

Wire cross section

0.25mm²

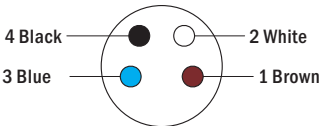
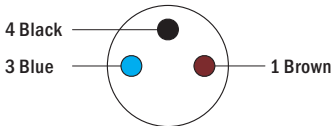
0.25mm²

Conductor structure

32x0.1mm

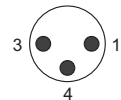
32x0.1mm

Assembly instruction



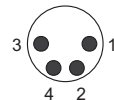
M8 Male Panel, Solder,Rear mounting, Sepcial,Quick Connect

3poles

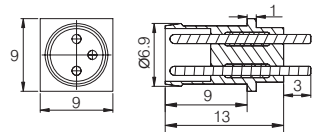


Male,3-pole

4poles



Male,4-pole

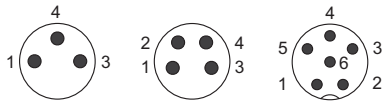


Description	Screw type	Contacts	Type	Order No.
M8X1.0 Plug,Solder	8.0	3-pole	RPC-M8-MB-3CON-8.0-LA	4042140380
Rear mounting,Quick connect	8.0	4-pole	RPC-M8-MB-4CON-8.0-LA	4042140480
Technical data				
	3-pole	4-pole		
Nominal current	4A	4A		
Rated voltage	60V	30V		
Over voltage category	II	II		
Contact resistance	≤5mΩ	≤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				
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				

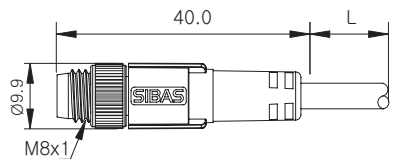
M8 Male Moulded, Straight

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

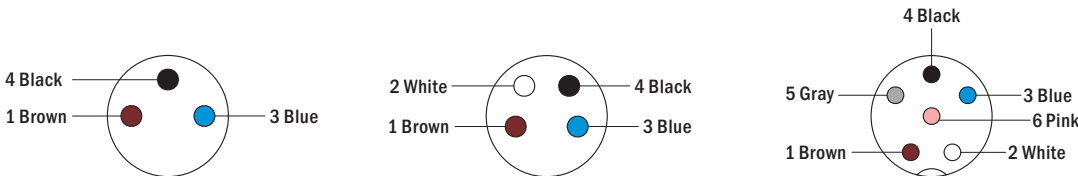
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A/1.5A	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

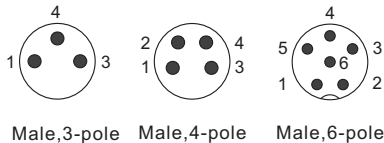
Assembly instruction



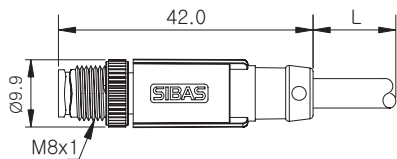
M8 Male Moulded, Straight, Shielded

Description: M8X1 straight plug, and free conductor end

3poles 4poles 6poles



Male, 3-pole Male, 4-pole Male, 6-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
1.5m, 4poles	RPC-M8-MS-6CON-PUR-1.5SH	4016066015	RPC-M8-MS-6CON-PVC-1.5SH	4017066015
3.0m, 4poles	RPC-M8-MS-6CON-PUR-3.0SH	4016066030	RPC-M8-MS-6CON-PVC-3.0SH	4017066030
5.0m, 4poles	RPC-M8-MS-6CON-PUR-5.0SH	4016066050	RPC-M8-MS-6CON-PVC-5.0SH	4017066050
10m, 4poles	RPC-M8-MS-6CON-PUR-10.0SH	4016066100	RPC-M8-MS-6CON-PVC-10.0SH	4017066100

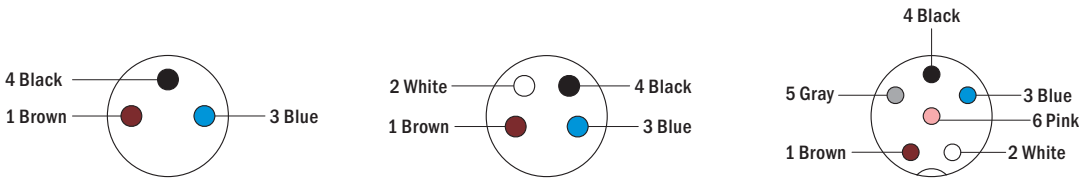
Technical data	PUR Cable	PVC Cable
Nominal current	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
Cable, fixed installation	-40°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

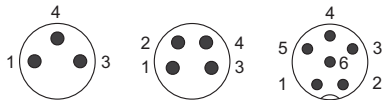
Assembly instruction



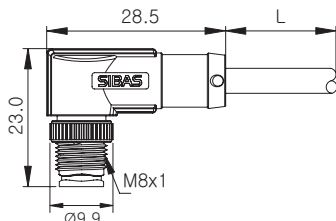
M8 Male Moulded,Angled

Description:M8X1 angled 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-MR-3CON-PUR-1.5	4034036015	RPC-M8-MR-3CON-PVC-1.5	4035036015	RPC-M8-MR-3CON-OR-1.5	4033036015
3.0m,3poles	RPC-M8-MR-3CON-PUR-3.0	4034036030	RPC-M8-MR-3CON-PVC-3.0	4035036030	RPC-M8-MR-3CON-OR-3.0	4033036030
5.0m,3poles	RPC-M8-MR-3CON-PUR-5.0	4034036050	RPC-M8-MR-3CON-PVC-5.0	4035036050	RPC-M8-MR-3CON-OR-5.0	4033036050
10m,3poles	RPC-M8-MR-3CON-PUR-10.0	4034036100	RPC-M8-MR-3CON-PVC-10.0	4035036100	RPC-M8-MR-3CON-OR-10.0	4033036100
1.5m,4poles	RPC-M8-MR-4CON-PUR-1.5	4034046015	RPC-M8-MR-4CON-PVC-1.5	4035046015	RPC-M8-MR-4CON-OR-1.5	4033046015
3.0m,4poles	RPC-M8-MR-4CON-PUR-3.0	4034046030	RPC-M8-MR-4CON-PVC-3.0	4035046030	RPC-M8-MR-4CON-OR-3.0	4033046030
5.0m,4poles	RPC-M8-MR-4CON-PUR-5.0	4034046050	RPC-M8-MR-4CON-PVC-5.0	4035046050	RPC-M8-MR-4CON-OR-5.0	4033046050
10m,4poles	RPC-M8-MR-4CON-PUR-10.0	4034046100	RPC-M8-MR-4CON-PVC-10.0	4035046100	RPC-M8-MR-4CON-OR-10.0	4033046100
1.5m,6poles	RPC-M8-MR-6CON-PUR-1.5	4034066015	RPC-M8-MR-6CON-PVC-1.5	4035066015	RPC-M8-MR-6CON-OR-1.5	4033066015
3.0m,6poles	RPC-M8-MR-6CON-PUR-3.0	4034066030	RPC-M8-MR-6CON-PVC-3.0	4035066030	RPC-M8-MR-6CON-OR-3.0	4033066030
5.0m,6poles	RPC-M8-MR-6CON-PUR-5.0	4034066050	RPC-M8-MR-6CON-PVC-5.0	4035066050	RPC-M8-MR-6CON-OR-5.0	4033066050
10m,6poles	RPC-M8-MR-6CON-PUR-10.0	4034066100	RPC-M8-MR-6CON-PVC-10.0	4035066100	RPC-M8-MR-6CON-OR-10.0	4033066100

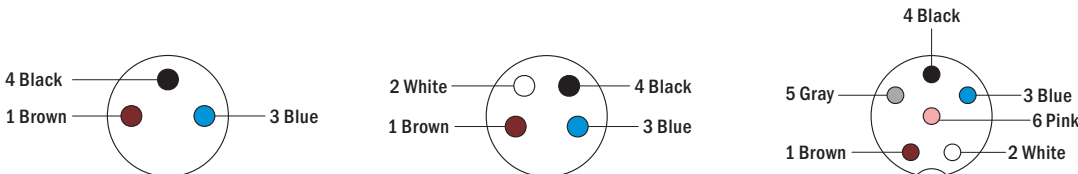
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A/1.5A	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V	60V/30V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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
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

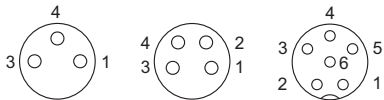
Assembly instruction



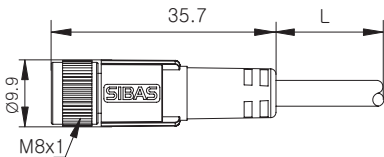
M8 Female Moulded, Straight

Description: M8X1 straight socket, and free conductor end

3poles 4poles 6poles



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



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-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

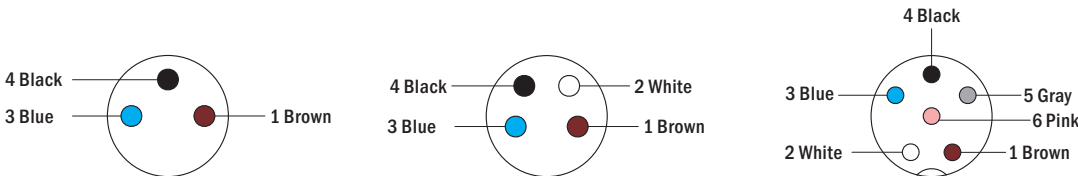
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A/1.5A	3A/1.5A	3A/1.5A
Rated voltage	60V/30V	60V/30V	60V/30V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

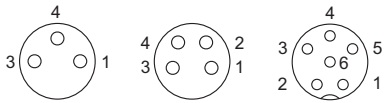
Assembly instruction



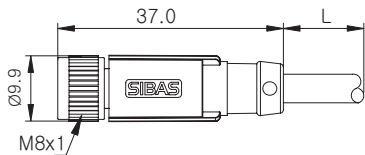
M8 Female Moulded, Straight, Shielded

Description: M8X1 straight socket, and free conductor end

3poles 4poles 6poles



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

1.5m, 6poles

RPC-M8-FS-6CON-PUR-1.5SH

4006067015

RPC-M8-FS-6CON-PVC-1.5SH

4007067015

3.0m, 6poles

RPC-M8-FS-6CON-PUR-3.0SH

4006067030

RPC-M8-FS-6CON-PVC-3.0SH

4007067030

5.0m, 6poles

RPC-M8-FS-6CON-PUR-5.0SH

4006067050

RPC-M8-FS-6CON-PVC-5.0SH

4007067050

10m, 6poles

RPC-M8-FS-6CON-PUR-10.0SH

4006067100

RPC-M8-FS-6CON-PVC-10.0SH

4007067100

Technical data

PUR Cable

PVC Cable

Nominal current

3A/1.5A

3A/1.5A

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 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

5.2mm

5.2mm

Wire cross section

0.25mm²

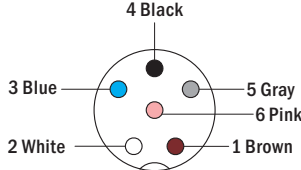
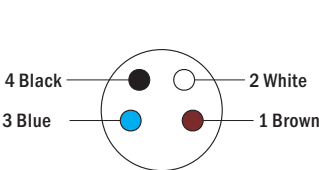
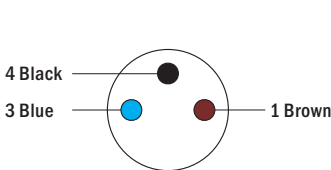
0.25mm²

Conductor structure

32x0.1mm

32x0.1mm

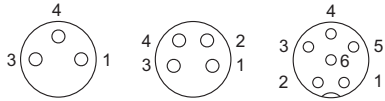
Assembly instruction



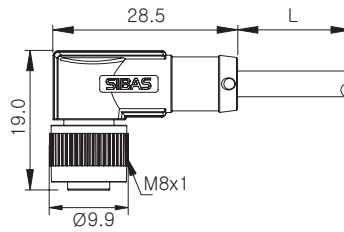
M8 Female Moulded, Angled

Description: M8X1 angled 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-FR-3CON-PUR-1.5	4024037015	RPC-M8-FR-3CON-PVC-1.5	4025037015	RPC-M8-FR-3CON-OR-1.5	4025037015
3.0m, 3poles	RPC-M8-FR-3CON-PUR-3.0	4024037030	RPC-M8-FR-3CON-PVC-3.0	4025037030	RPC-M8-FR-3CON-OR-3.0	4025037030
5.0m, 3poles	RPC-M8-FR-3CON-PUR-5.0	4024037050	RPC-M8-FR-3CON-PVC-5.0	4025037050	RPC-M8-FR-3CON-OR-5.0	4025037050
10m, 3poles	RPC-M8-FR-3CON-PUR-10.0	4024037100	RPC-M8-FR-3CON-PVC-10.0	4025037100	RPC-M8-FR-3CON-OR-10.0	4025037100
1.5m, 4poles	RPC-M8-FR-4CON-PUR-1.5	4024047015	RPC-M8-FR-4CON-PVC-1.5	4025047015	RPC-M8-FR-4CON-OR-1.5	4025047015
3.0m, 4poles	RPC-M8-FR-4CON-PUR-3.0	4024047030	RPC-M8-FR-4CON-PVC-3.0	4025047030	RPC-M8-FR-4CON-OR-3.0	4025047030
5.0m, 4poles	RPC-M8-FR-4CON-PUR-5.0	4024047050	RPC-M8-FR-4CON-PVC-5.0	4025047050	RPC-M8-FR-4CON-OR-5.0	4025047050
10m, 4poles	RPC-M8-FR-4CON-PUR-10.0	4024047100	RPC-M8-FR-4CON-PVC-10.0	4025047100	RPC-M8-FR-4CON-OR-10.0	4025047100
1.5m, 6poles	RPC-M8-FR-6CON-PUR-1.5	4024067015	RPC-M8-FR-6CON-PVC-1.5	4025067015	RPC-M8-FR-6CON-OR-1.5	4025067015
3.0m, 6poles	RPC-M8-FR-6CON-PUR-3.0	4024067030	RPC-M8-FR-6CON-PVC-3.0	4025067030	RPC-M8-FR-6CON-OR-3.0	4025067030
5.0m, 6poles	RPC-M8-FR-6CON-PUR-5.0	4024067050	RPC-M8-FR-6CON-PVC-5.0	4025067050	RPC-M8-FR-6CON-OR-5.0	4025067050
10m, 6poles	RPC-M8-FR-6CON-PUR-10.0	4024067100	RPC-M8-FR-6CON-PVC-10.0	4025067100	RPC-M8-FR-6CON-OR-10.0	4025067100

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	≤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

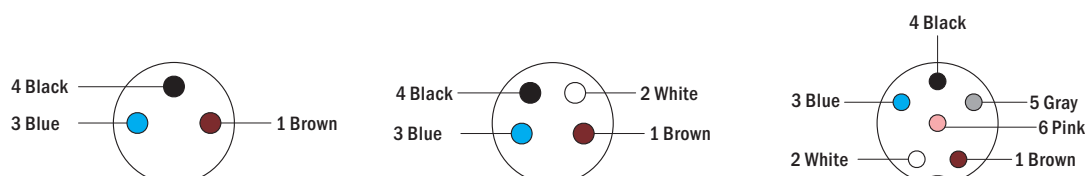
Connector data

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
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

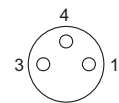
Assembly instruction



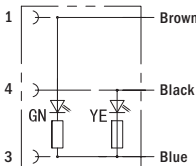
M8 Female Moulded,Angled,With 2 LEDS

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

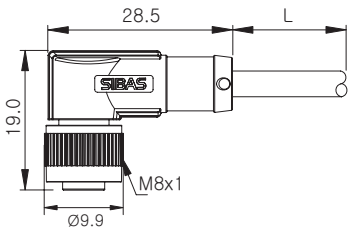
3poles



Female,3-pole



M8 sockets with 2LEDS for PNP sensors



Description

PUR Cable

PVC Cable

Cable length

Type

OrderNo.

Type

OrderNo.

1.5m,3poles

RPC-M8-FR-3CON-PUR-1.5L2

4024034015

RPC-M8-FR-3CON-PVC-1.5L2

4025034015

3.0m,3poles

RPC-M8-FR-3CON-PUR-3.0L2

4024034030

RPC-M8-FR-3CON-PVC-3.0L2

4025034030

5.0m,3poles

RPC-M8-FR-3CON-PUR-5.0L2

4024034050

RPC-M8-FR-3CON-PVC-5.0L2

4025034050

10.0m,3poles

RPC-M8-FR-3CON-PUR-10.0L2

4024034100

RPC-M8-FR-3CON-PVC-10.0L2

4025034100

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

0.25mm²

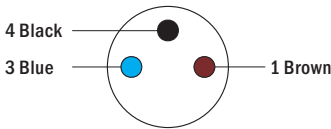
0.25mm²

Conductor structure

32x0.1mm

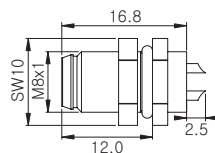
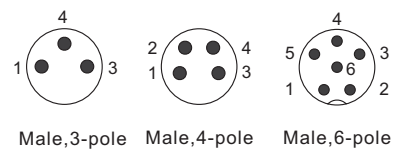
32x0.1mm

Assembly instruction



M8 Male Panel, Solder wire, Front mounting, M8 fastening thread

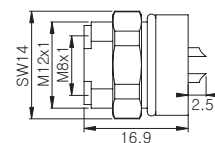
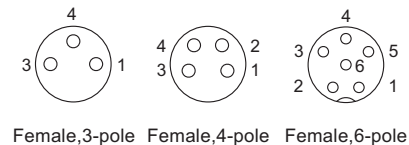
3poles 4poles 6poles



Description	Screw type	Contacts	Type(Ag)	Order No. (Ag)	Type(Au)	Order No. (Au)
M8X1.0 Plug, Solder wire, Front mounting, M8 fastening thread	M8	3-pole	RPC-M8-MF-3CON-M8-LA	4052140380	RPC-M8-MF-3CON-M8-LAU	4052140384
	M8	4-pole	RPC-M8-MF-4CON-M8-LA	4052140480	RPC-M8-MF-4CON-M8-LAU	4052140484
	M8	6-pole	RPC-M8-MF-6CON-M8-LA	4052140680	RPC-M8-MF-6CON-M8-LAU	4052140684

M8 Female Panel, Solder wire, Front mounting, M12 fastening thread

3poles 4poles 6poles



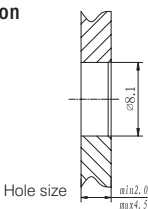
Description	Screw type	Contacts	Type(Ag)	Order No. (Ag)	Type(Au)	Order No. (Au)
M8X1.0 Plug, Solder wire, Front mounting, M12 fastening thread	M12	3-pole	RPC-M8-FF-3CON-M12-LA	4052140390	RPC-M8-FF-3CON-M12-LAU	4052140394
	M12	4-pole	RPC-M8-FF-4CON-M12-LA	4052140490	RPC-M8-FF-4CON-M12-LAU	4052140494
	M12	6-pole	RPC-M8-FF-6CON-M12-LA	4052140690	RPC-M8-FF-6CON-M12-LAU	4052140694

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

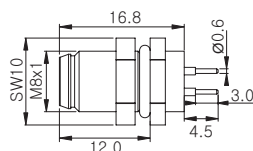
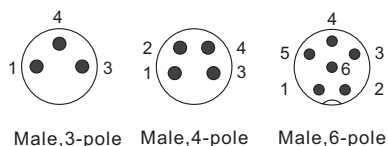
Mechanical data	A-standard	A-standard	A-standard
Coding	A-standard	A-standard	A-standard
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	CuZn/Ag/Au	CuZn/Ag/Au	CuZn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB

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

Assembly instruction

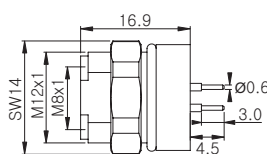
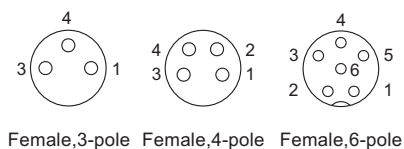


3poles 4poles 6poles



Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Plug, Straight solder PCB Front mounting, M8 fastening thread	M8	3-pole	RPC-M8-MF-3CON-M8-LB	4052140340	RPC-M8-MF-3CON-M8-LBU	4052140344
	M8	4-pole	RPC-M8-MF-4CON-M8-LB	4052140440	RPC-M8-MF-4CON-M8-LBU	4052140444
	M8	6-pole	RPC-M8-MF-6CON-M8-LB	4052140640	RPC-M8-MF-6CON-M8-LBU	4052140644

3poles 4poles 6poles



Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Socket,Straight solder PCB Front mounting,M12 fastening thread	M12	3-pole	RPC-M8-FF-3CON-M12-LB	4052150350	RPC-M8-FF-3CON-M12-LBU	4052150354
	M12	4-pole	RPC-M8-FF-4CON-M12-LB	4052150450	RPC-M8-FF-4CON-M12-LBU	4052150454
	M12	6-pole	RPC-M8-FF-6CON-M12-LB	4052150650	RPC-M8-FF-6CON-M12-LBU	4052150654

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

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

Connector data			
Type of connection	Straight solder PCB	Straight solder PCB	Straight solder PCB

Hole size

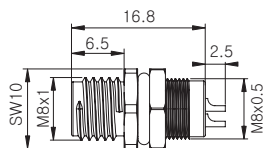
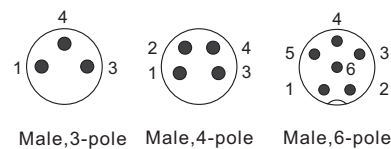
min 2.0 mm

max 4.0 mm

$\varnothing 8.1$

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

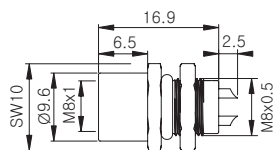
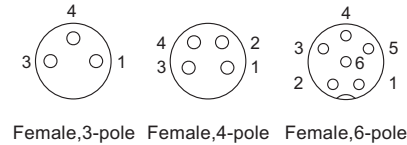
3poles 4poles 6poles



Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Plug,Solder wire Rear mounting,M8 fastening thread	M8	3-pole	RPC-M8-MB-3CON-M8-LA	4042140380	RPC-M8-MB-3CON-M8-LAU	4042140384
	M8	4-pole	RPC-M8-MB-4CON-M8-LA	4042140480	RPC-M8-MB-4CON-M8-LAU	4042140484
	M8	6-pole	RPC-M8-MB-6CON-M8-LA	4042140680	RPC-M8-MB-6CON-M8-LAU	4042140684

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

3poles 4poles 6poles



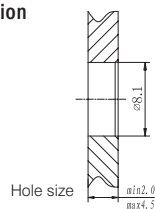
Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Socket,Solder wire Rear mounting,M8 fastening thread	M8	3-pole	RPC-M8-FB-3CON-M8-LA	4042140390	RPC-M8-FB-3CON-M8-LAU	4042140394
	M8	4-pole	RPC-M8-FB-4CON-M8-LA	4042140490	RPC-M8-FB-4CON-M8-LAU	4042140494
	M8	6-pole	RPC-M8-FB-6CON-M8-LA	4042140690	RPC-M8-FB-6CON-M8-LAU	4042140694

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

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

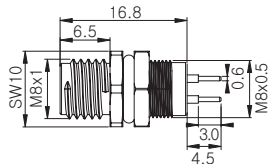
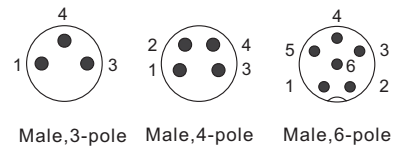
Connector data	Solder wire	Solder wire	Solder wire
Type of connection	0.25mm ²	0.25mm ²	0.25mm ²
Connection cross-section max	24	24	24
Connection cross-section AWG max			

Assembly instruction



M8 Male Panel, Straight solder PCB,Rear mounting,M8 fastening thread

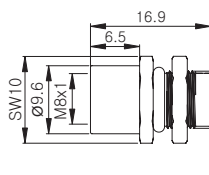
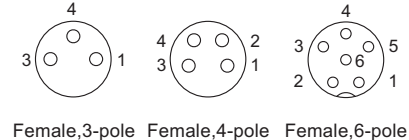
3poles 4poles 6poles



Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Plug, Straight Solder PCB Rear mounting, M8 fastening thread	M8	3-pole	RPC-M8-MB-3CON-M8-LB	4042140340	RPC-M8-MB-3CON-M8-LBU	4042140344
	M8	4-pole	RPC-M8-MB-4CON-M8-LB	4042140440	RPC-M8-MB-4CON-M8-LBU	4042140444
	M8	6-pole	RPC-M8-MB-6CON-M8-LB	4042140640	RPC-M8-MB-6CON-M8-LBU	4042140644

M8 Female Panel, Straight solder PCB,Rear mounting,M8 fastening thread

3poles 4poles 6poles



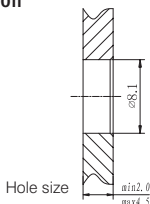
Description	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M8X1.0 Socket, Straight Solder PCB Rear mounting, M8 fastening thread	M8	3-pole	RPC-M8-FB-3CON-M8-LB	4042140350	RPC-M8-FB-3CON-M8-LBU	4042140354
	M8	4-pole	RPC-M8-FB-4CON-M8-LB	4042140450	RPC-M8-FB-4CON-M8-LBU	4042140454
	M8	6-pole	RPC-M8-FB-6CON-M8-LB	4042140650	RPC-M8-FB-6CON-M8-LBU	4042140654

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

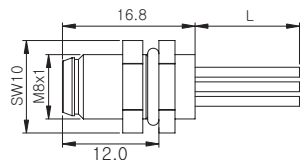
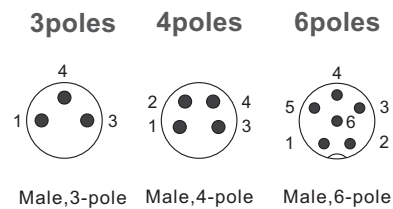
Mechanical data			
Coding	A-standard	A-standard	A-standard
Contact carrier material	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	CuZn/Ag	CuZn/Ag	CuZn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB

Connector data			
Type of connection	Straight solder PCB	Straight solder PCB	Straight solder PCB

Assembly instruction



M8 Male Panel, Front mounting,M12 fastening thread,With wires



M8 Series

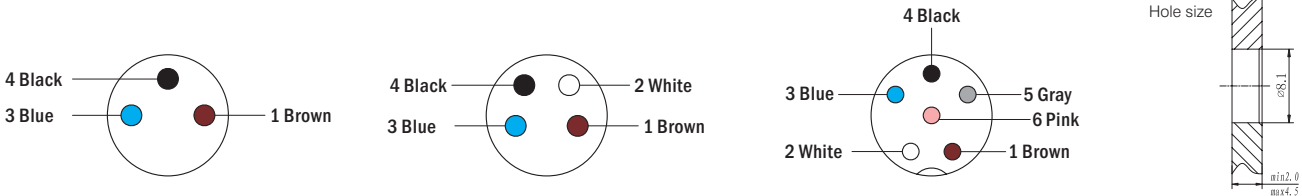
Description	Cable length	Contacts	Type	Order No.
M8X1.0 Plug Front mounting M12 fastening thread with wires	0.5m	3-pole	RPC-M8-MF-3CON-M8-0.5LA	4055036005
	1.5m	3-pole	RPC-M8-MF-3CON-M8-1.5LA	4055036015
	3.0m	3-pole	RPC-M8-MF-3CON-M8-3.0LA	4055036030
	5.0m	3-pole	RPC-M8-MF-3CON-M8-5.0LA	4055036050
	0.5m	4-pole	RPC-M8-MF-4CON-M8-0.5LA	4055046005
	1.5m	4-pole	RPC-M8-MF-4CON-M8-1.5LA	4055046015
	3.0m	4-pole	RPC-M8-MF-4CON-M8-3.0LA	4055046030
	5.0m	4-pole	RPC-M8-MF-4CON-M8-5.0LA	4055046050
	0.5m	6-pole	RPC-M8-MF-6CON-M8-0.5LA	4055066005
	1.5m	6-pole	RPC-M8-MF-6CON-M8-1.5LA	4055066015
	3.0m	6-pole	RPC-M8-MF-6CON-M8-3.0LA	4055066030
	5.0m	6-pole	RPC-M8-MF-6CON-M8-5.0LA	4055066050

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

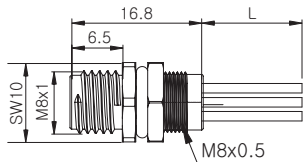
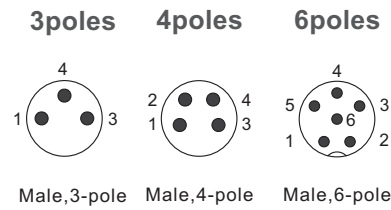
Mechanical data			
Contact carrier material	PA	PA	PA
Material contact/contact surface	CuZn/Au	CuZn/Au	CuZn/Au
Inflammability class in acc.with UL 94	HB	HB	HB

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

Assembly instruction



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



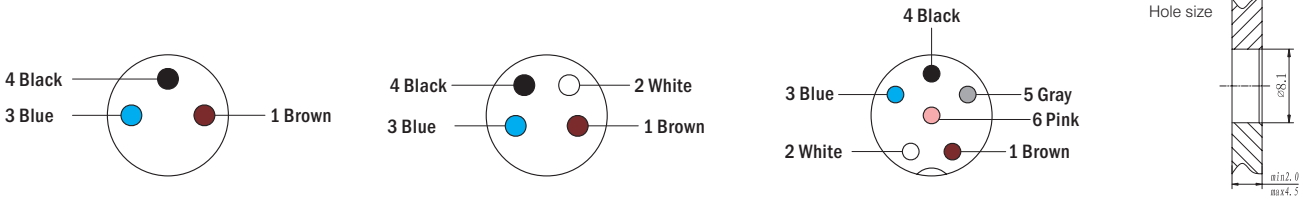
Description	Cable length	Contacts	Type	Order No.
M8X1.0 Plug Rear mounting M8 fastening thread with wires	0.5m	3-pole	RPC-M8-MB-3CON-M8-0.5LA	4045036005
	1.5m	3-pole	RPC-M8-MB-3CON-M8-1.5LA	4045036015
	3.0m	3-pole	RPC-M8-MB-3CON-M8-3.0LA	4045036030
	5.0m	3-pole	RPC-M8-MB-3CON-M8-5.0LA	4045036050
	0.5m	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
	0.5m	6-pole	RPC-M8-MB-6CON-M8-0.5LA	4045066005
	1.5m	6-pole	RPC-M8-MB-6CON-M8-1.5LA	4045066015
	3.0m	6-pole	RPC-M8-MB-6CON-M8-3.0LA	4045066030
	5.0m	6-pole	RPC-M8-MB-6CON-M8-5.0LA	4045066050

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

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

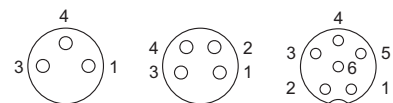
Connector data			
Type of connection	Crimp/Solder	Crimp/Solder	Crimp/Solder
Connection cross-section max	0.25mm ²	0.25mm ²	0.25mm ²
Connection cross-section AWG max	24	24	24

Assembly instruction

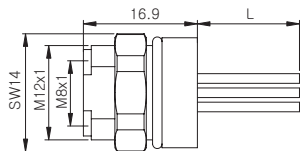


M8 Female Panel, Front mounting,M12 fastening thread,With wires

3poles 4poles 6poles



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



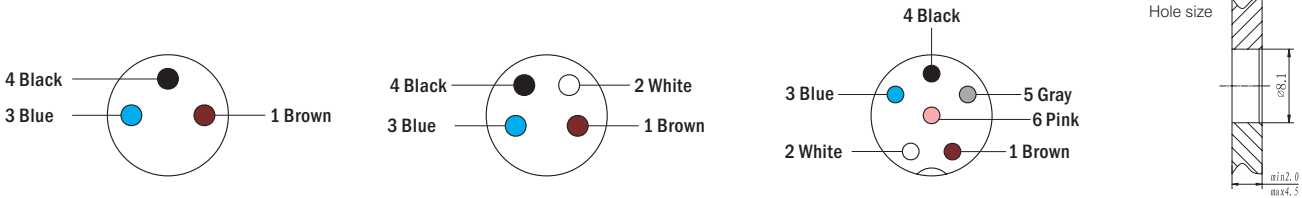
Description	Cable length	Contacts	Type	Order No.
M8X1.0 Socket Front mounting M8 fastening thread with wires	0.5m	3-pole	RPC-M8-FF-3CON-M12-0.5LA	4055037005
	1.5m	3-pole	RPC-M8-FF-3CON-M12-1.5LA	4055037015
	3.0m	3-pole	RPC-M8-FF-3CON-M12-3.0LA	4055037030
	5.0m	3-pole	RPC-M8-FF-3CON-M12-5.0LA	4055037050
	0.5m	4-pole	RPC-M8-FF-4CON-M12-0.5LA	4055047005
	1.5m	4-pole	RPC-M8-FF-4CON-M12-1.5LA	4055047015
	3.0m	4-pole	RPC-M8-FF-4CON-M12-3.0LA	4055047030
	5.0m	4-pole	RPC-M8-FF-4CON-M12-5.0LA	4055047050
	0.5m	6-pole	RPC-M8-FF-6CON-M12-0.5LA	4055067005
	1.5m	6-pole	RPC-M8-FF-6CON-M12-1.5LA	4055067015
	3.0m	6-pole	RPC-M8-FF-6CON-M12-3.0LA	4055067030
	5.0m	6-pole	RPC-M8-FF-6CON-M12-5.0LA	4055067050

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.9A
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~+85°C	-25°C~+85°C	-25°C~+85°C

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

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

Assembly instruction

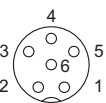
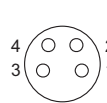
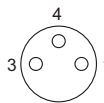


M8 Female Panel, Rear mounting, M8 fastening thread, With wires

3poles

4poles

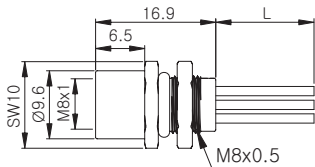
6poles



Female, 3-pole

Female, 4-pole

Female, 6-pole



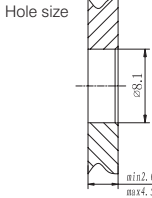
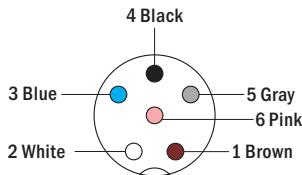
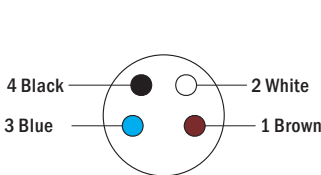
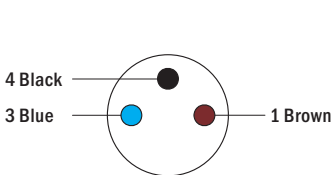
Description	Cable length	Contacts	Type	Order No.
M8X1.0 Socket Rear mounting M8 fastening thread with wires	0.5m	3-pole	RPC-M8-FB-3CON-M8-0.5LA	4045037005
	1.5m	3-pole	RPC-M8-FB-3CON-M8-1.5LA	4045037015
	3.0m	3-pole	RPC-M8-FB-3CON-M8-3.0LA	4045037030
	5.0m	3-pole	RPC-M8-FB-3CON-M8-5.0LA	4045037050
	0.5m	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
	0.5m	6-pole	RPC-M8-FB-6CON-M8-0.5LA	4045067005
	1.5m	6-pole	RPC-M8-FB-6CON-M8-1.5LA	4045067015
	3.0m	6-pole	RPC-M8-FB-6CON-M8-3.0LA	4045067030
	5.0m	6-pole	RPC-M8-FB-6CON-M8-5.0LA	4045067050

Technical data	3-pole	4-pole	6-pole
Nominal current	4A	4A	1.5A
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~+85°C	-25°C~+85°C	-25°C~+85°C

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

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

Assembly instruction



M8 Series

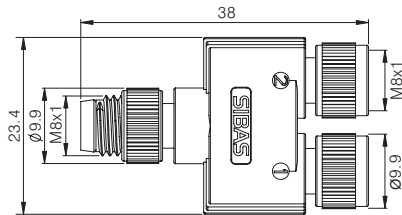


M8 Y distributors connector

Description: Straight M8 plug on straight 2xM8 socket, Ordinary/Special

3 poles on 2x3ploes

4 poles on 2x3ploes



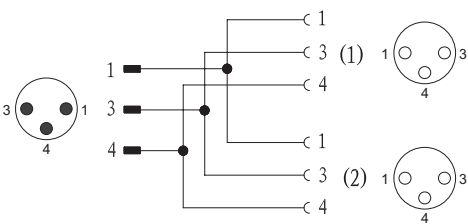
M8 Series

Description	Screw type	Contacts	Type	Order No.
M8 Plug on,2xM8 Socket,Plastic housing	M8	3-pole	RPC-M8-MS-3CON-M8-Y1	4086540380
	M8	4-pole	RPC-M8-MS-4CON-M8-Y2	4086540480

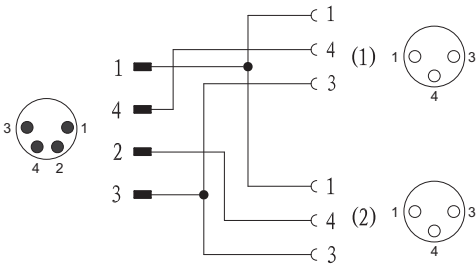
Technical data	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25℃~+85℃	-25℃~+85℃

Mechanical data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au/Ag	CuZn/Ni/Au/Ag
Material of grip body	TPU	TPU

Assembly instruction



Contact assignment of M8 Y1 connector



Contact assignment of M8 Y2 connector

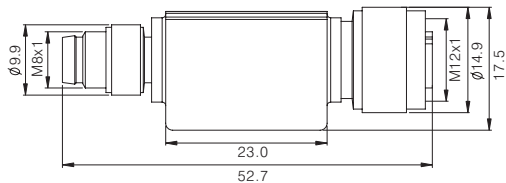
M8 Series



M8 T distributors connector

Description: Straight M8 plug on straight M12 socket, Ordinary

3,4 poles



Description	Screw type	Contacts	Type	Order No.
M8 T distributors, M8 Plug on M12 Socket, Plastic housing	M12	3-pole	RPC-M8-MS-3CON-M12-T1	4066650380
	M12	4-pole	RPC-M8-MS-4CON-M12-T1	4066650480

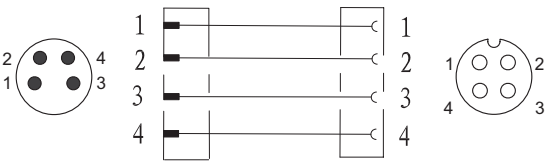
Technical data	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	30V	30V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

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



3 Poles
Contact assignment of M8 to M12 T1 connector

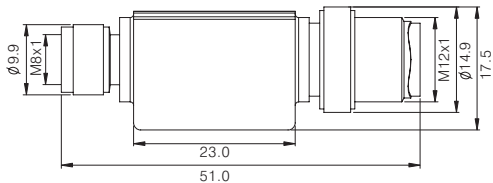


4 Poles
Contact assignment of M8 to M12 T1 connector

M8 T distributors connector

Description: Straight M8 Socket on straight M12 plug, Ordinary

3,4 poles



M8 Series

Description	Screw type	Contacts	Type	Order No.
M8 T distributors, M8 socket on M12 plug, Plastic housing	M8	3-pole	RPC-M8-FS-3CON-M12-T1	4076650390
	M8	4-pole	RPC-M8-FS-4CON-M12-T1	4076650490

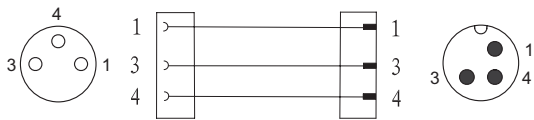
Technical data

	3-pole	4-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°C~+85°C	-25°C~+85°C

Mechanical data

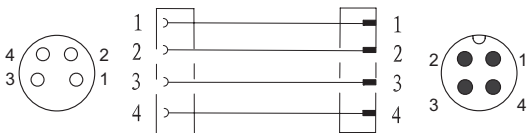
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	Cu Sn	Cu Sn
Contact surface material	CuZn/Ni/Au	CuZn/Ni/Au
Material of grip body	TPU	TPU

Assembly instruction



3 Poles

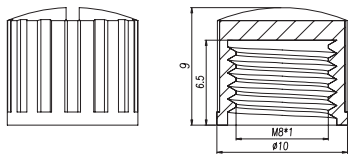
Contact assignment of M12 to M8 T1 connector



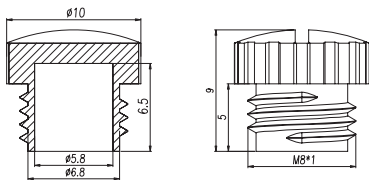
4 Poles

Contact assignment of M12 to M8 T1 connector

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