

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

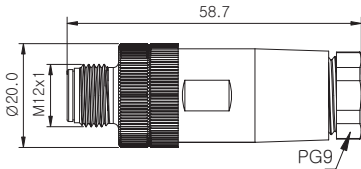
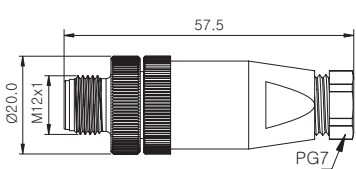


M12 Series technical characteristics



M12 Male Screw connection, Straight

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

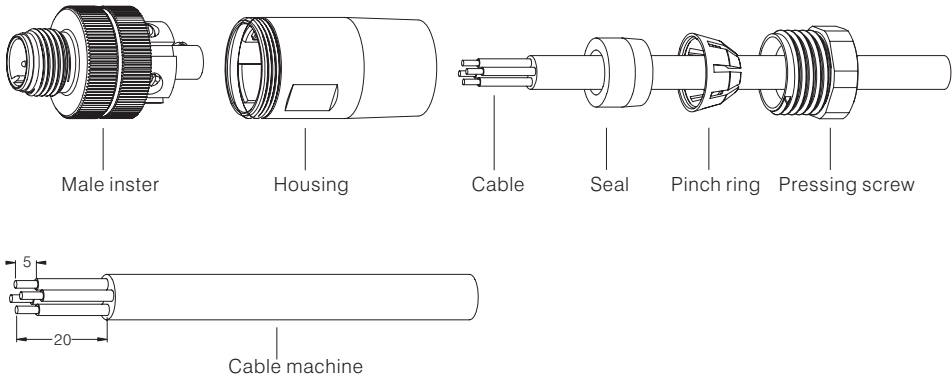


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

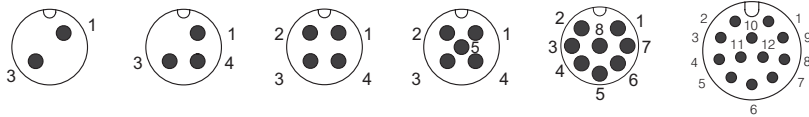
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



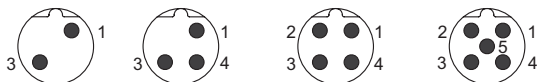
M12 Male Screw connection, Straight (Silver plated contacts)

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



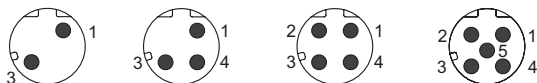
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection/Solder Plastic housing Silver plated	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-M	4110010200
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-M	4110020200
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-M	4110010300
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-M	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 Silver plated	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

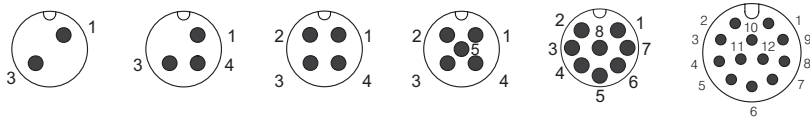
2,3,4,5 poles (Male, D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing Silver plated	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

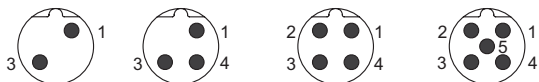
M12 Male Screw connection, Straight (Gold plated contacts)

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



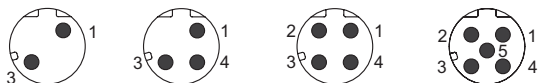
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection/Solder Plastic housing Gold plated	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-MU	4110010204
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-MU	4110020204
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-MU	4110010304
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-MU	4110020304
	A	PG7	4-pole	RPC-M12-MS-4CON-PG7-MU	4110010404
	A	PG9	4-pole	RPC-M12-MS-4CON-PG9-MU	4110020404
	A	PG7	5-pole	RPC-M12-MS-5CON-PG7-MU	4110010504
	A	PG9	5-pole	RPC-M12-MS-5CON-PG9-MU	4110020504
	A	PG9	8-pole	RPC-M12-MS-8CON-PG9-MU	4110020804
	A	PG9	12-pole	RPC-M12-MS-12CON-PG9-MU	4110021204

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing Gold plated	B	PG7	2-pole	RPC-M12B-MS-2CON-PG7-MU	4114010204
	B	PG9	2-pole	RPC-M12B-MS-2CON-PG9-MU	4114020204
	B	PG7	3-pole	RPC-M12B-MS-3CON-PG7-MU	4114010304
	B	PG9	3-pole	RPC-M12B-MS-3CON-PG9-MU	4114020304
	B	PG7	4-pole	RPC-M12B-MS-4CON-PG7-MU	4114010404
	B	PG9	4-pole	RPC-M12B-MS-4CON-PG9-MU	4114020404
	B	PG7	5-pole	RPC-M12B-MS-5CON-PG7-MU	4114010504
	B	PG9	5-pole	RPC-M12B-MS-5CON-PG9-MU	4114020504

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



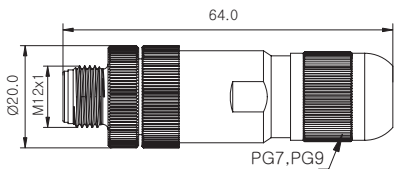
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Screw connection Plastic housing Gold plated	D	PG7	2-pole	RPC-M12D-MS-2CON-PG7-MU	4115010204
	D	PG9	2-pole	RPC-M12D-MS-2CON-PG9-MU	4115020204
	D	PG7	3-pole	RPC-M12D-MS-3CON-PG7-MU	4115010304
	D	PG9	3-pole	RPC-M12D-MS-3CON-PG9-MU	4115020304
	D	PG7	4-pole	RPC-M12D-MS-4CON-PG7-MU	4115010404
	D	PG9	4-pole	RPC-M12D-MS-4CON-PG9-MU	4115020404
	D	PG7	5-pole	RPC-M12D-MS-5CON-PG7-MU	4115010504
	D	PG9	5-pole	RPC-M12D-MS-5CON-PG9-MU	4115020504

M12 Series technical characteristics



M12 Male Screw connection, Straight, Shielded

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

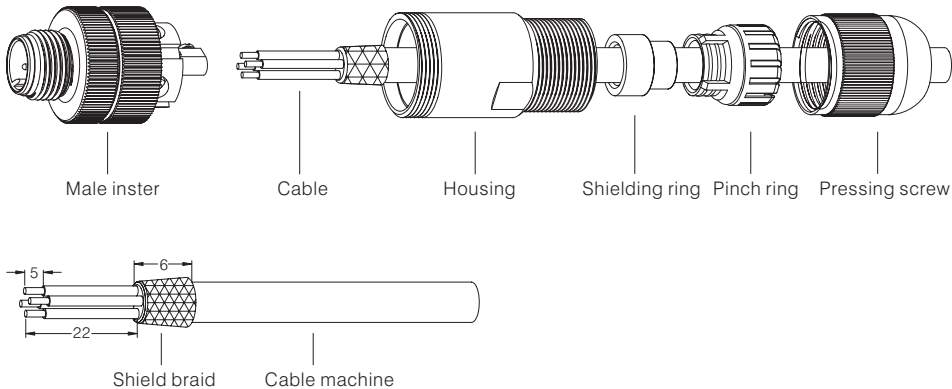


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

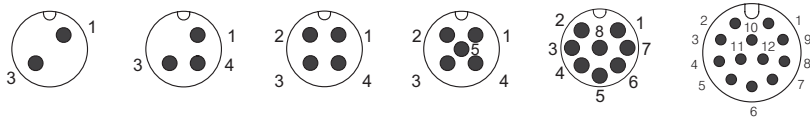
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



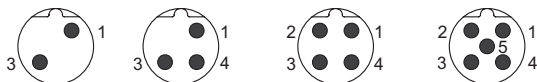
M12 Male Screw connection, Straight, Shielded (Silver plated contacts)

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



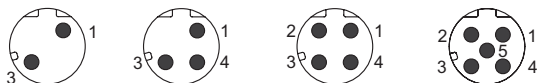
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection/Solder Metal housing Silver plated	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-SH	4110110202
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-SH	4110120202
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-SH	4110110302
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-SH	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 Silver plated	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

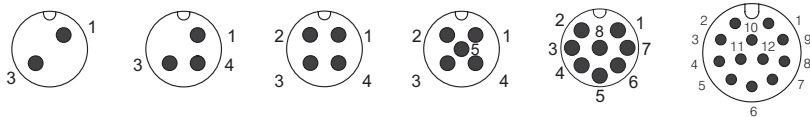
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing Silver plated	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

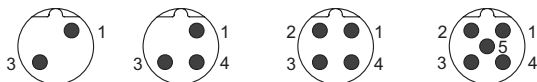
M12 Male Screw connection, Straight, Shielded (Gold plated contacts)

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



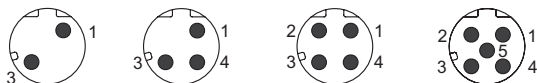
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection/Solder Metal housing Gold plated	A	PG7	2-pole	RPC-M12-MS-2CON-PG7-SHU	4110110205
	A	PG9	2-pole	RPC-M12-MS-2CON-PG9-SHU	4110120205
	A	PG7	3-pole	RPC-M12-MS-3CON-PG7-SHU	4110110305
	A	PG9	3-pole	RPC-M12-MS-3CON-PG9-SHU	4110120305
	A	PG7	4-pole	RPC-M12-MS-4CON-PG7-SHU	4110110405
	A	PG9	4-pole	RPC-M12-MS-4CON-PG9-SHU	4110120405
	A	PG7	5-pole	RPC-M12-MS-5CON-PG7-SHU	4110110505
	A	PG9	5-pole	RPC-M12-MS-5CON-PG9-SHU	4110120505
	A	PG9	8-pole	RPC-M12-MS-8CON-PG9-SHU	4110120805
	A	PG9	12-pole	RPC-M12-MS-12CON-PG9-SHU	4110121205

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing Gold plated	B	PG7	2-pole	RPC-M12B-MS-2CON-PG7-SHU	4114110205
	B	PG9	2-pole	RPC-M12B-MS-2CON-PG9-SHU	4114120205
	B	PG7	3-pole	RPC-M12B-MS-3CON-PG7-SHU	4114110305
	B	PG9	3-pole	RPC-M12B-MS-3CON-PG9-SHU	4114120305
	B	PG7	4-pole	RPC-M12B-MS-4CON-PG7-SHU	4114110405
	B	PG9	4-pole	RPC-M12B-MS-4CON-PG9-SHU	4114120405
	B	PG7	5-pole	RPC-M12B-MS-5CON-PG7-SHU	4114110505
	B	PG9	5-pole	RPC-M12B-MS-5CON-PG9-SHU	4114120505

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

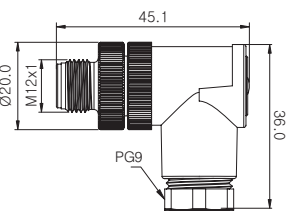
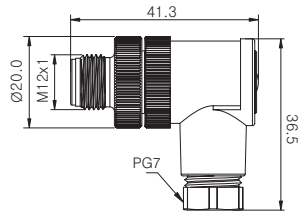


Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Straight Shielded Screw connection Metal housing Gold plated	D	PG7	2-pole	RPC-M12D-MS-2CON-PG7-SHU	4115110205
	D	PG9	2-pole	RPC-M12D-MS-2CON-PG9-SHU	4115120205
	D	PG7	3-pole	RPC-M12D-MS-3CON-PG7-SHU	4115110305
	D	PG9	3-pole	RPC-M12D-MS-3CON-PG9-SHU	4115120305
	D	PG7	4-pole	RPC-M12D-MS-4CON-PG7-SHU	4115110405
	D	PG9	4-pole	RPC-M12D-MS-4CON-PG9-SHU	4115120405
	D	PG7	5-pole	RPC-M12D-MS-5CON-PG7-SHU	4115110505
	D	PG9	5-pole	RPC-M12D-MS-5CON-PG9-SHU	4115120505

M12 Series technical characteristics



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

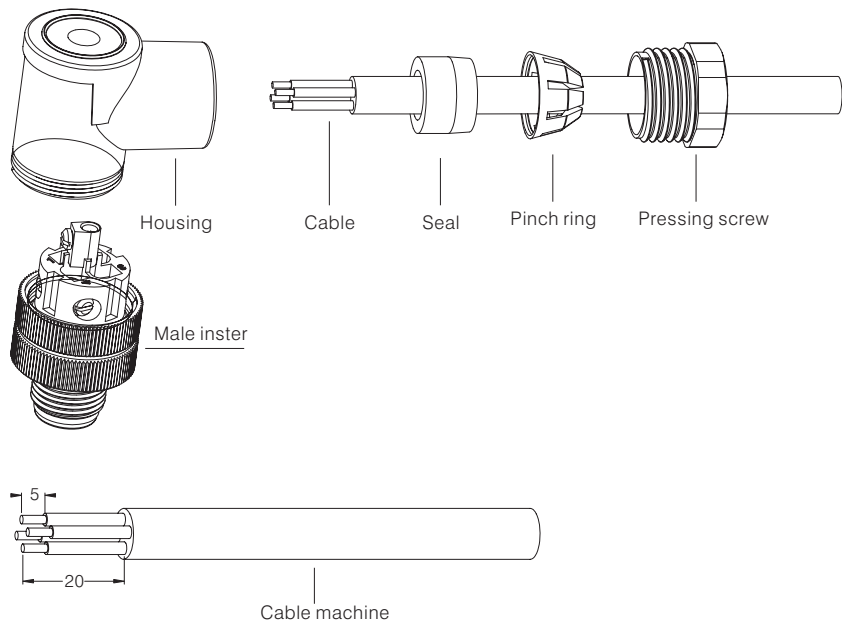


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

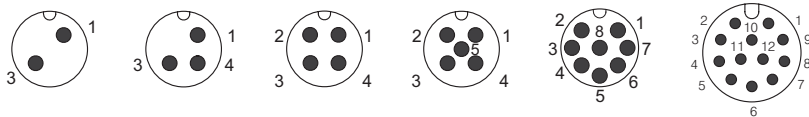
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



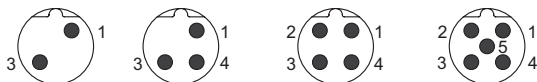
M12 Male Screw connection, Angled(Silver plated contacts)

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



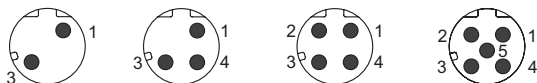
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection/Solder Plastic housing Silver plated	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-M	4130010200
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-M	4130020200
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-M	4130010300
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-M	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 Silver plated	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

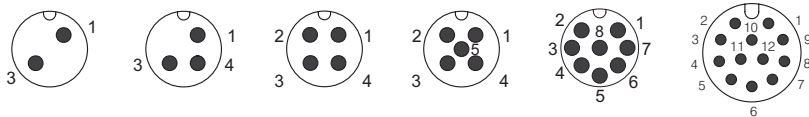
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing Silver plated	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

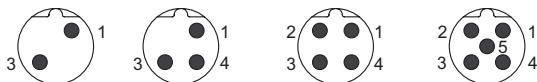
M12 Male Screw connection, Angled(Gold plated contacts)

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



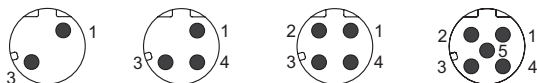
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection/Solder Plastic housing Gold plated	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-MU	4130010204
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-MU	4130020204
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-MU	4130010304
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-MU	4130020304
	A	PG7	4-pole	RPC-M12-MR-4CON-PG7-MU	4130010404
	A	PG9	4-pole	RPC-M12-MR-4CON-PG9-MU	4130020404
	A	PG7	5-pole	RPC-M12-MR-5CON-PG7-MU	4130010504
	A	PG9	5-pole	RPC-M12-MR-5CON-PG9-MU	4130020504
	A	PG9	8-pole	RPC-M12-MR-8CON-PG7-MU	4130020804
	A	PG9	12-pole	RPC-M12-MR-12CON-PG7-MU	4130021204

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing Gold plated	B	PG7	2-pole	RPC-M12B-MR-2CON-PG7-MU	4134010204
	B	PG9	2-pole	RPC-M12B-MR-2CON-PG9-MU	4134020204
	B	PG7	3-pole	RPC-M12B-MR-3CON-PG7-MU	4134010304
	B	PG9	3-pole	RPC-M12B-MR-3CON-PG9-MU	4134020304
	B	PG7	4-pole	RPC-M12B-MR-4CON-PG7-MU	4134010404
	B	PG9	4-pole	RPC-M12B-MR-4CON-PG9-MU	4134020404
	B	PG7	5-pole	RPC-M12B-MR-5CON-PG7-MU	4134010504
	B	PG9	5-pole	RPC-M12B-MR-5CON-PG9-MU	4134020504

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



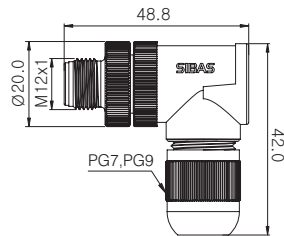
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Screw connection Plastic housing Gold plated	D	PG7	2-pole	RPC-M12D-MR-2CON-PG7-MU	4135010204
	D	PG9	2-pole	RPC-M12D-MR-2CON-PG9-MU	4135020204
	D	PG7	3-pole	RPC-M12D-MR-3CON-PG7-MU	4135010304
	D	PG9	3-pole	RPC-M12D-MR-3CON-PG9-MU	4135020304
	D	PG7	4-pole	RPC-M12D-MR-4CON-PG7-MU	4135010404
	D	PG9	4-pole	RPC-M12D-MR-4CON-PG9-MU	4135020404
	D	PG7	5-pole	RPC-M12D-MR-5CON-PG7-MU	4135010504
	D	PG9	5-pole	RPC-M12D-MR-5CON-PG9-MU	4135020504

M12 Series technical characteristics



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

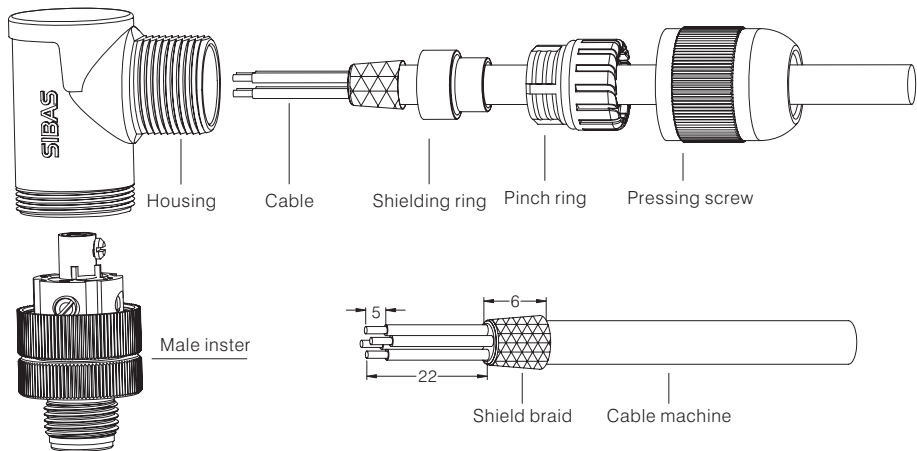
Mechanical data

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

Connector data

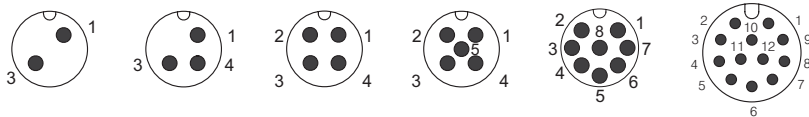
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection cross-section AWG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

Assembly instruction



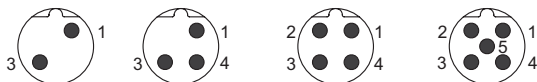
M12 Male Screw connection, Angled, Shielded(Silver plated contacts)

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



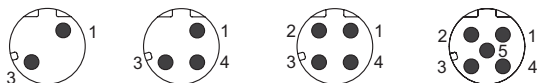
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Shielded Screw connection/Solder Metal housing Silver plated	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-SH	4130110202
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-SH	4130120202
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-SH	4130110302
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-SH	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 Angled Shielded Screw connection Metal housing Silver plated	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

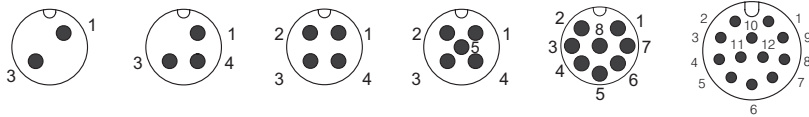
2,3,4,5 poles(Male,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Shielded Screw connection Metal housing Silver plated	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

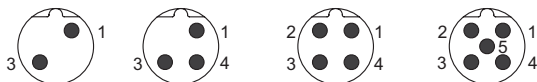
M12 Male Screw connection, Angled, Shielded(Gold plated contacts)

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



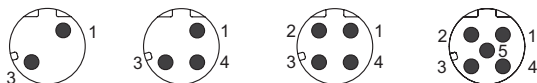
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Shielded Screw connection/Solder Metal housing Gold plated	A	PG7	2-pole	RPC-M12-MR-2CON-PG7-SHU	4130110205
	A	PG9	2-pole	RPC-M12-MR-2CON-PG9-SHU	4130120205
	A	PG7	3-pole	RPC-M12-MR-3CON-PG7-SHU	4130110305
	A	PG9	3-pole	RPC-M12-MR-3CON-PG9-SHU	4130120305
	A	PG7	4-pole	RPC-M12-MR-4CON-PG7-SHU	4130110405
	A	PG9	4-pole	RPC-M12-MR-4CON-PG9-SHU	4130120405
	A	PG7	5-pole	RPC-M12-MR-5CON-PG7-SHU	4130110505
	A	PG9	5-pole	RPC-M12-MR-5CON-PG9-SHU	4130120505
	A	PG9	8-pole	RPC-M12-MR-8CON-PG9-SHU	4130120805
	A	PG9	12-pole	RPC-M12-MR-12CON-PG9-SHU	4130121205

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Shielded Screw connection Metal housing Gold plated	B	PG7	2-pole	RPC-M12B-MR-2CON-PG7-SHU	4134110205
	B	PG9	2-pole	RPC-M12B-MR-2CON-PG9-SHU	4134120205
	B	PG7	3-pole	RPC-M12B-MR-3CON-PG7-SHU	4134110305
	B	PG9	3-pole	RPC-M12B-MR-3CON-PG9-SHU	4134120305
	B	PG7	4-pole	RPC-M12B-MR-4CON-PG7-SHU	4134110405
	B	PG9	4-pole	RPC-M12B-MR-4CON-PG9-SHU	4134120405
	B	PG7	5-pole	RPC-M12B-MR-5CON-PG7-SHU	4134110505
	B	PG9	5-pole	RPC-M12B-MR-5CON-PG9-SHU	4134120505

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



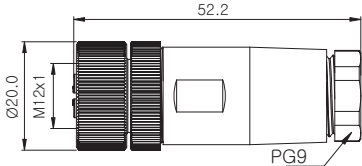
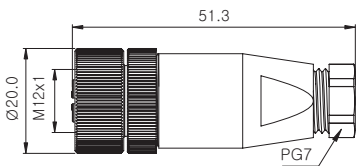
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Plug Angled Shielded Screw connection Metal housing Gold plated	D	PG7	2-pole	RPC-M12D-MR-2CON-PG7-SHU	4135110205
	D	PG9	2-pole	RPC-M12D-MR-2CON-PG9-SHU	4135120205
	D	PG7	3-pole	RPC-M12D-MR-3CON-PG7-SHU	4135110305
	D	PG9	3-pole	RPC-M12D-MR-3CON-PG9-SHU	4135120305
	D	PG7	4-pole	RPC-M12D-MR-4CON-PG7-SHU	4135110405
	D	PG9	4-pole	RPC-M12D-MR-4CON-PG9-SHU	4135120405
	D	PG7	5-pole	RPC-M12D-MR-5CON-PG7-SHU	4135110505
	D	PG9	5-pole	RPC-M12D-MR-5CON-PG9-SHU	4135120505

M12 Series technical characteristics



M12 Female Screw connection, Straight

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

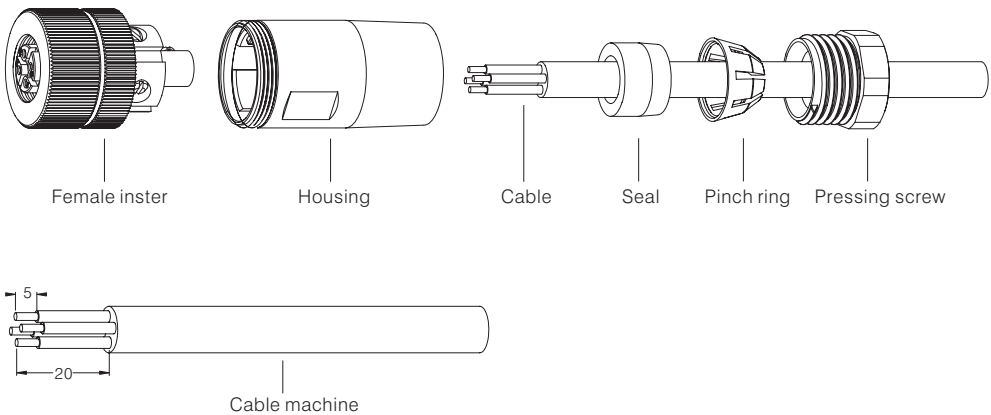


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

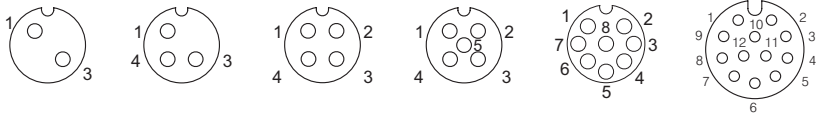
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



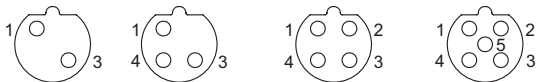
M12 Female Screw connection, Straight(Silver plated contacts)

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



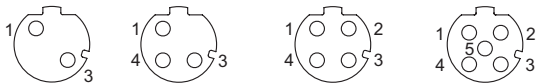
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection/Solder Plastic housing Silver plated	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-M	4100010210
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-M	4100020210
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-M	4100010310
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-M	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 Silver plated	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

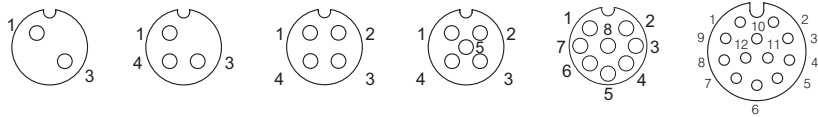
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing Silver plated	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

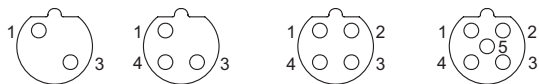
M12 Female Screw connection, Straight(Gold plated contacts)

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



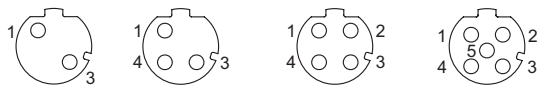
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing Gold plated	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-MU	4100010214
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-MU	4100020214
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-MU	4100010314
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-MU	4100020314
	A	PG7	4-pole	RPC-M12-FS-4CON-PG7-MU	4100010414
	A	PG9	4-pole	RPC-M12-FS-4CON-PG9-MU	4100020414
	A	PG7	5-pole	RPC-M12-FS-5CON-PG7-MU	4100010514
	A	PG9	5-pole	RPC-M12-FS-5CON-PG9-MU	4100020514
	A	PG9	8-pole	RPC-M12-FS-8CON-PG9-MU	4100020814
	A	PG9	12-pole	RPC-M12-FS-12CON-PG9-MU	4100021214

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing Gold plated	B	PG7	2-pole	RPC-M12B-FS-2CON-PG7-MU	4104010214
	B	PG9	2-pole	RPC-M12B-FS-2CON-PG9-MU	4104020214
	B	PG7	3-pole	RPC-M12B-FS-3CON-PG7-MU	4104010314
	B	PG9	3-pole	RPC-M12B-FS-3CON-PG9-MU	4104020314
	B	PG7	4-pole	RPC-M12B-FS-4CON-PG7-MU	4104010414
	B	PG9	4-pole	RPC-M12B-FS-4CON-PG9-MU	4104020414
	B	PG7	5-pole	RPC-M12B-FS-5CON-PG7-MU	4104010514
	B	PG9	5-pole	RPC-M12B-FS-5CON-PG9-MU	4104020514

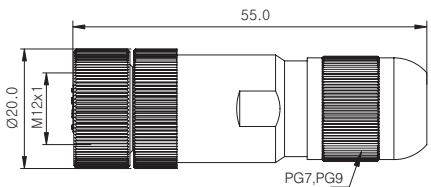
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Screw connection Plastic housing Gold plated	D	PG7	2-pole	RPC-M12D-FS-2CON-PG7-MU	4105010214
	D	PG9	2-pole	RPC-M12D-FS-2CON-PG9-MU	4105020214
	D	PG7	3-pole	RPC-M12D-FS-3CON-PG7-MU	4105010314
	D	PG9	3-pole	RPC-M12D-FS-3CON-PG9-MU	4105020314
	D	PG7	4-pole	RPC-M12D-FS-4CON-PG7-MU	4105010414
	D	PG9	4-pole	RPC-M12D-FS-4CON-PG9-MU	4105020414
	D	PG7	5-pole	RPC-M12D-FS-5CON-PG7-MU	4105010514
	D	PG9	5-pole	RPC-M12D-FS-5CON-PG9-MU	4105020514

M12 Female Screw connection, Straight

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

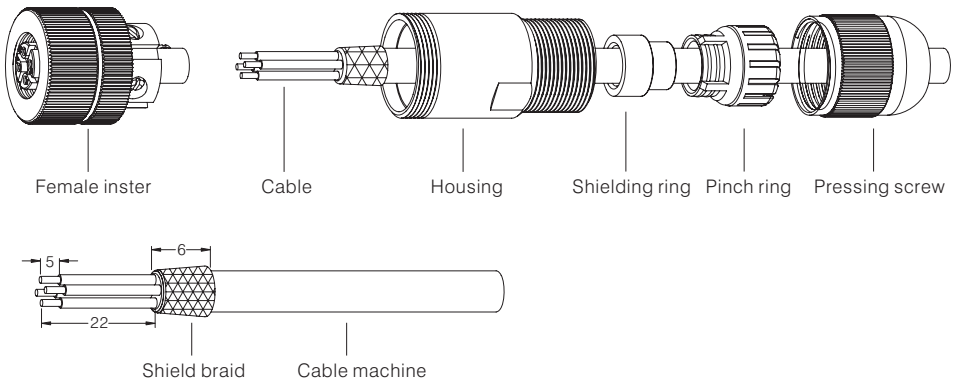


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

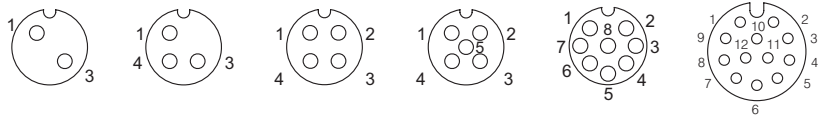
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



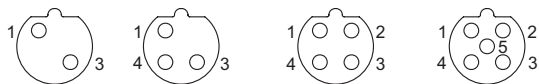
M12 Female Screw connection, Straight, Shielded(Silver plated contacts)

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



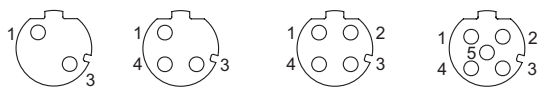
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection/Solder Metal housing Silver plated	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-SH	4100110212
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-SH	4100120212
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-SH	4100110312
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-SH	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 Silver plated	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

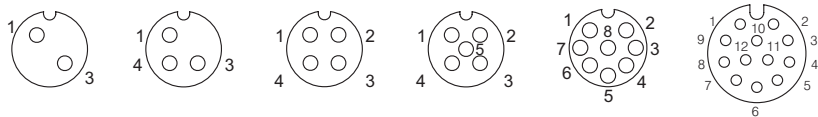
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing Silver plated	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

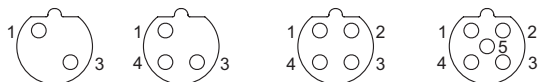
M12 Female Screw connection, Straight, Shielded(Gold plated contacts)

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



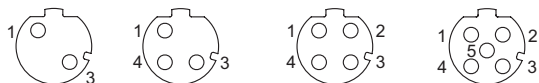
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection/Solder Metal housing Gold plated	A	PG7	2-pole	RPC-M12-FS-2CON-PG7-SHU	4100110215
	A	PG9	2-pole	RPC-M12-FS-2CON-PG9-SHU	4100120215
	A	PG7	3-pole	RPC-M12-FS-3CON-PG7-SHU	4100110315
	A	PG9	3-pole	RPC-M12-FS-3CON-PG9-SHU	4100120315
	A	PG7	4-pole	RPC-M12-FS-4CON-PG7-SHU	4100110415
	A	PG9	4-pole	RPC-M12-FS-4CON-PG9-SHU	4100120415
	A	PG7	5-pole	RPC-M12-FS-5CON-PG7-SHU	4100110515
	A	PG9	5-pole	RPC-M12-FS-5CON-PG9-SHU	4100120515
	A	PG9	8-pole	RPC-M12-FS-8CON-PG9-SHU	4100120815
	A	PG9	12-pole	RPC-M12-FS-12CON-PG9-SHU	4100121215

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



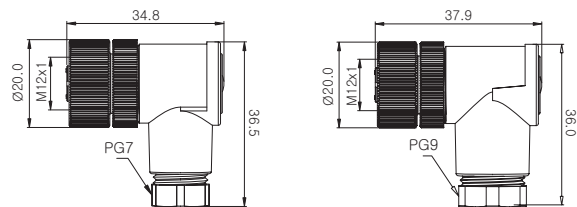
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing Gold plated	B	PG7	2-pole	RPC-M12B-FS-2CON-PG7-SHU	4104110215
	B	PG9	2-pole	RPC-M12B-FS-2CON-PG9-SHU	4104120215
	B	PG7	3-pole	RPC-M12B-FS-3CON-PG7-SHU	4104110315
	B	PG9	3-pole	RPC-M12B-FS-3CON-PG9-SHU	4104120315
	B	PG7	4-pole	RPC-M12B-FS-4CON-PG7-SHU	4104110415
	B	PG9	4-pole	RPC-M12B-FS-4CON-PG9-SHU	4104120415
	B	PG7	5-pole	RPC-M12B-FS-5CON-PG7-SHU	4104110515
	B	PG9	5-pole	RPC-M12B-FS-5CON-PG9-SHU	4104120515

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Straight Shielded Screw connection Metal housing Gold plated	D	PG7	2-pole	RPC-M12D-FS-2CON-PG7-SHU	4105110215
	D	PG9	2-pole	RPC-M12D-FS-2CON-PG9-SHU	4105120215
	D	PG7	3-pole	RPC-M12D-FS-3CON-PG7-SHU	4105110315
	D	PG9	3-pole	RPC-M12D-FS-3CON-PG9-SHU	4105120315
	D	PG7	4-pole	RPC-M12D-FS-4CON-PG7-SHU	4105110415
	D	PG9	4-pole	RPC-M12D-FS-4CON-PG9-SHU	4105120415
	D	PG7	5-pole	RPC-M12D-FS-5CON-PG7-SHU	4105110515
	D	PG9	5-pole	RPC-M12D-FS-5CON-PG9-SHU	4105120515

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

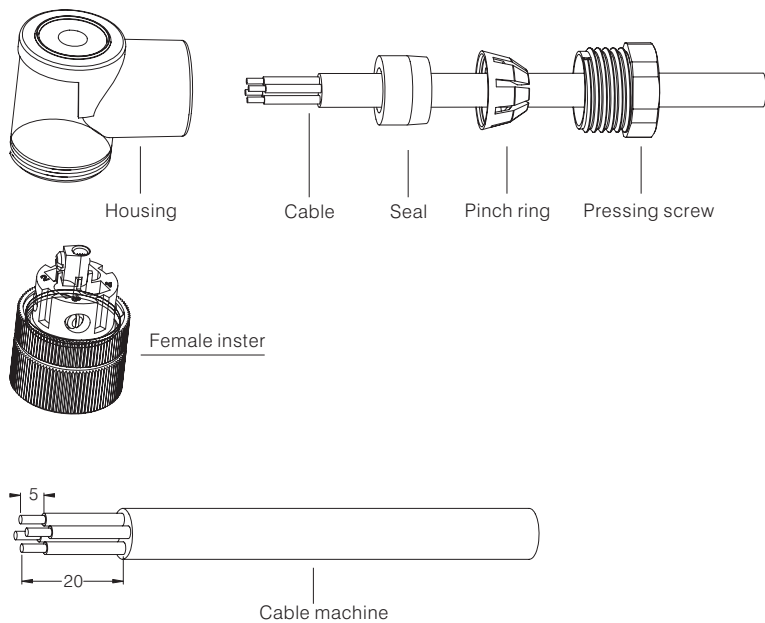


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

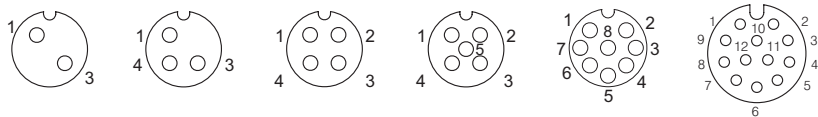
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.14mm ² /0.34mm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

Assembly instruction



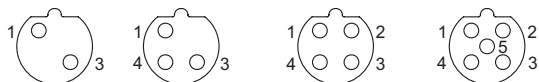
M12 Female Screw connection,Angled(Silver plated contacts)

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



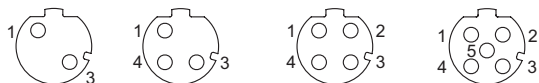
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection/Solder Plastic housing Silver plated	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-M	4120010210
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-M	4120020210
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-M	4120010310
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-M	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 Silver plated	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

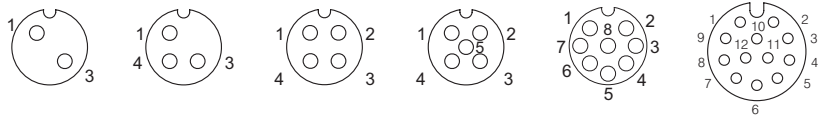
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing Silver plated	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

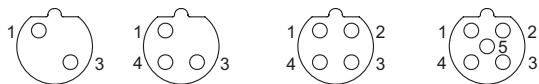
M12 Female Screw connection,Angled(Gold plated contacts)

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



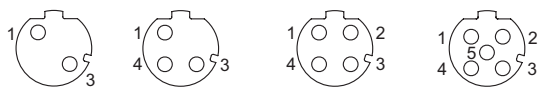
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection/Solder Plastic housing Gold plated	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-MU	4120010214
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-MU	4120020214
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-MU	4120010314
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-MU	4120020314
	A	PG7	4-pole	RPC-M12-FR-4CON-PG7-MU	4120010414
	A	PG9	4-pole	RPC-M12-FR-4CON-PG9-MU	4120020414
	A	PG7	5-pole	RPC-M12-FR-5CON-PG7-MU	4120010514
	A	PG9	5-pole	RPC-M12-FR-5CON-PG9-MU	4120020514
	A	PG9	8-pole	RPC-M12-FR-8CON-PG9-MU	4120020814
	A	PG9	12-pole	RPC-M12-FR-12CON-PG9-MU	4120021214

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing Gold plated	B	PG7	2-pole	RPC-M12B-FR-2CON-PG7-MU	4124010214
	B	PG9	2-pole	RPC-M12B-FR-2CON-PG9-MU	4124020214
	B	PG7	3-pole	RPC-M12B-FR-3CON-PG7-MU	4124010314
	B	PG9	3-pole	RPC-M12B-FR-3CON-PG9-MU	4124020314
	B	PG7	4-pole	RPC-M12B-FR-4CON-PG7-MU	4124010414
	B	PG9	4-pole	RPC-M12B-FR-4CON-PG7-MU	4124020414
	B	PG7	5-pole	RPC-M12B-FR-5CON-PG9-MU	4124010514
	B	PG9	5-pole	RPC-M12B-FR-5CON-PG9-MU	4124020514

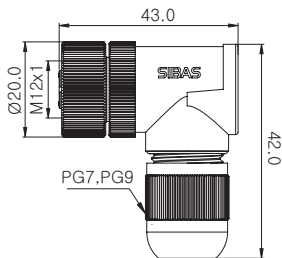
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Screw connection Plastic housing Gold plated	D	PG7	2-pole	RPC-M12D-FR-2CON-PG7-MU	4125010214
	D	PG9	2-pole	RPC-M12D-FR-2CON-PG9-MU	4125020214
	D	PG7	3-pole	RPC-M12D-FR-3CON-PG7-MU	4125010314
	D	PG9	3-pole	RPC-M12D-FR-3CON-PG9-MU	4125020314
	D	PG7	4-pole	RPC-M12D-FR-4CON-PG7-MU	4125010414
	D	PG9	4-pole	RPC-M12D-FR-4CON-PG9-MU	4125020414
	D	PG7	5-pole	RPC-M12D-FR-5CON-PG7-MU	4125010514
	D	PG9	5-pole	RPC-M12D-FR-5CON-PG9-MU	4125020514

M12 Female Screw connection, Angled

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

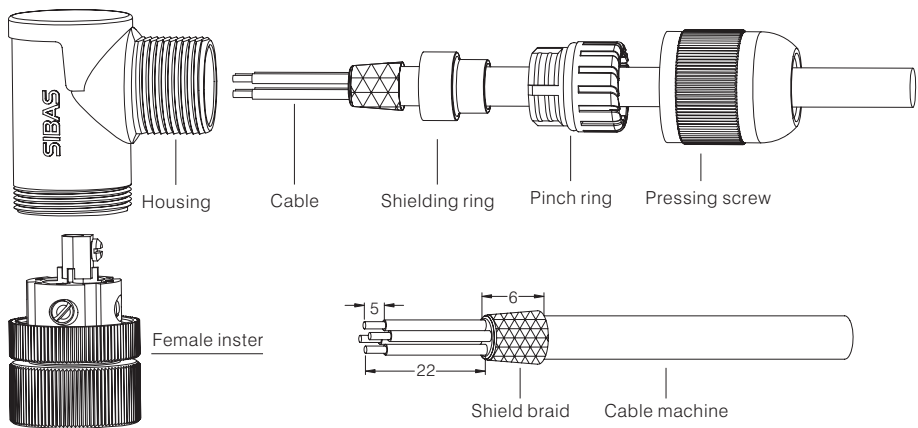


Technical data	2-pole/3-pole/4-pole	5-pole	8-pole	12-pole
Standard	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Nominal current	4A	4A	2A	1.5A
Rated voltage	250V	60V	30V	30V
Over voltage category	II	II	II	II
Contact resistance	≤8mΩ	≤8mΩ	≤8mΩ	≤8mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥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/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au	Cu alloy/Ag/Au
Inflammability class in acc.with UL 94	V0	V0	V0	V0

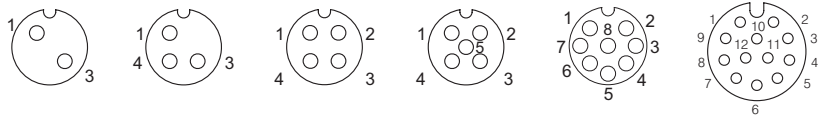
Connector data				
Type of connection	Screw connection	Screw connection	Screw connection	Solder connection
Cable diameter PG7	4-6mm	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-8mm	6-8mm	6-8mm	6-8mm
Connection cross-section min./max.	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.25mm²/0.75mm²	0.14mm²/0.34mm²
Connection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

Assembly instruction



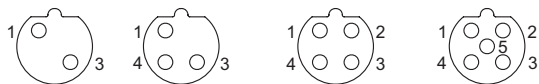
M12 Female Screw connection, Angled, Shielded(Silver plated contacts)

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



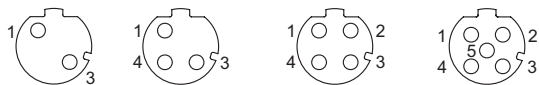
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection/Solder Metal housing Silver plated	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-SH	4120110212
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-SH	4120120212
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-SH	4120110312
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-SH	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 Silver plated	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

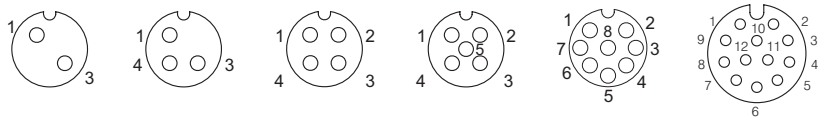
2,3,4,5 poles(Female,D-coded)



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing Silver plated	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

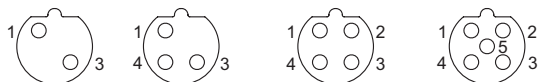
M12 Female Screw connection, Angled, Shielded(Gold plated contacts)

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



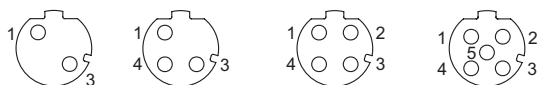
Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection/Solder Metal housing Gold plated	A	PG7	2-pole	RPC-M12-FR-2CON-PG7-SHU	4120110215
	A	PG9	2-pole	RPC-M12-FR-2CON-PG9-SHU	4120120215
	A	PG7	3-pole	RPC-M12-FR-3CON-PG7-SHU	4120110315
	A	PG9	3-pole	RPC-M12-FR-3CON-PG9-SHU	4120120315
	A	PG7	4-pole	RPC-M12-FR-4CON-PG7-SHU	4120110415
	A	PG9	4-pole	RPC-M12-FR-4CON-PG9-SHU	4120120415
	A	PG7	5-pole	RPC-M12-FR-5CON-PG7-SHU	4120110515
	A	PG9	5-pole	RPC-M12-FR-5CON-PG9-SHU	4120120515
	A	PG9	8-pole	RPC-M12-FR-8CON-PG9-SHU	4120120815
	A	PG9	12-pole	RPC-M12-FR-12CON-PG9-SHU	4120121215

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing Gold plated	B	PG7	2-pole	RPC-M12B-FR-2CON-PG7-SHU	4124110215
	B	PG9	2-pole	RPC-M12B-FR-2CON-PG9-SHU	4124120215
	B	PG7	3-pole	RPC-M12B-FR-3CON-PG7-SHU	4124110315
	B	PG9	3-pole	RPC-M12B-FR-3CON-PG9-SHU	4124120315
	B	PG7	4-pole	RPC-M12B-FR-4CON-PG7-SHU	4124110415
	B	PG9	4-pole	RPC-M12B-FR-4CON-PG9-SHU	4124120415
	B	PG7	5-pole	RPC-M12B-FR-5CON-PG7-SHU	4124110515
	B	PG9	5-pole	RPC-M12B-FR-5CON-PG9-SHU	4124120515

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



Description	Coding	Screw type	Contacts	Type	Order No.
M12X1 Socket Angled Shielded Screw connection Metal housing Gold plated	D	PG7	2-pole	RPC-M12D-FR-2CON-PG7-SHU	4125110215
	D	PG9	2-pole	RPC-M12D-FR-2CON-PG9-SHU	4125120215
	D	PG7	3-pole	RPC-M12D-FR-3CON-PG7-SHU	4125110315
	D	PG9	3-pole	RPC-M12D-FR-3CON-PG9-SHU	4125120315
	D	PG7	4-pole	RPC-M12D-FR-4CON-PG7-SHU	4125110415
	D	PG9	4-pole	RPC-M12D-FR-4CON-PG9-SHU	4125120415
	D	PG7	5-pole	RPC-M12D-FR-5CON-PG7-SHU	4125110515
	D	PG9	5-pole	RPC-M12D-FR-5CON-PG9-SHU	4125120515

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

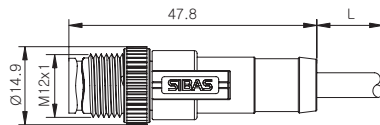
2poles



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

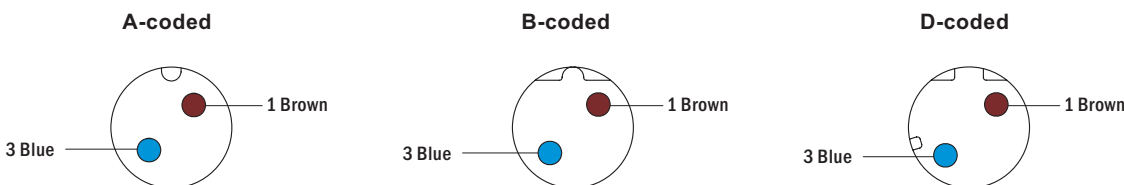
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

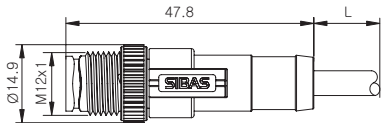
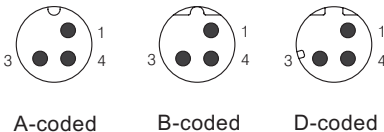
Assembly instruction



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	OrderNo.	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

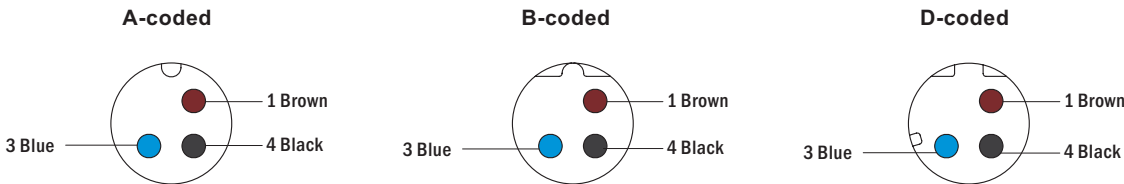
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

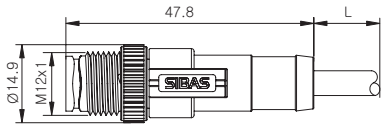
4poles



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

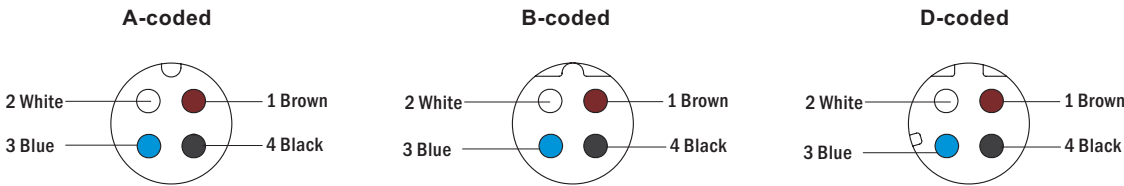
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature			
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



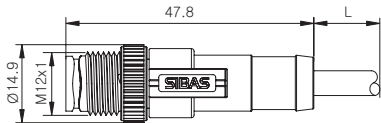
M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

5poles



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,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	4113050100
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

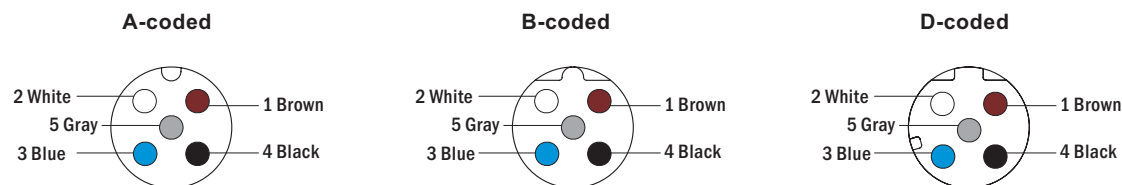
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

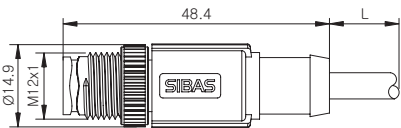
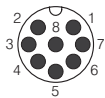
Assembly instruction



M12 Male Moulded, Straight

Description:M12X1 straight plug, and free conductor end

8poles

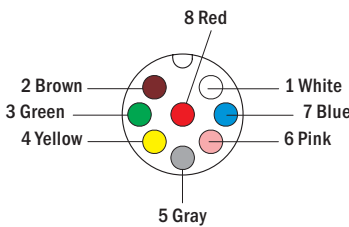


A-coded

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/Ag		Ni/Ag		Ni/Ag	
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

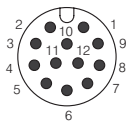
A-coded



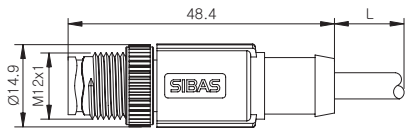
M12 Male Moulded, Straight

Description: M12X1 straight plug, and free conductor end

12poles



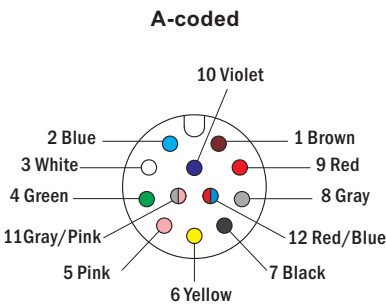
A-coded



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/Ag	Ni/Ag	Ni/Ag
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



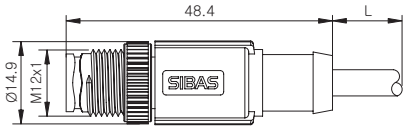
A-coded



B-coded



D-coded



Description

Cable length	Coding	PUR Cable		PVC Cable	
		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

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

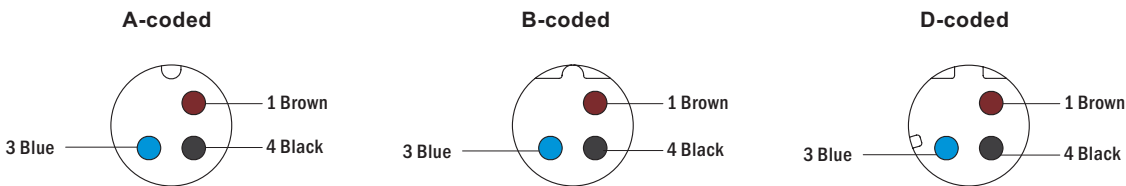
Connector data

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	5.2mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm

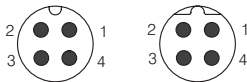
Assembly instruction



M12 Male Moulded, Straight, Shielded

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

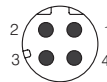
4poles



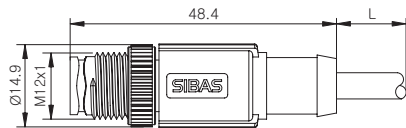
A-coded



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

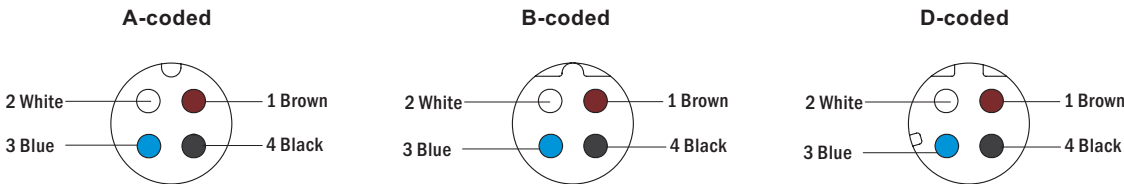
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

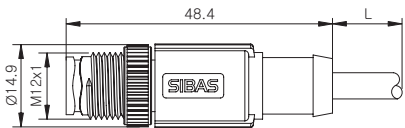
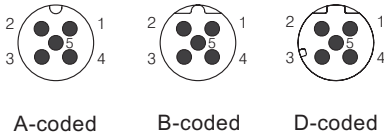
Assembly instruction



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

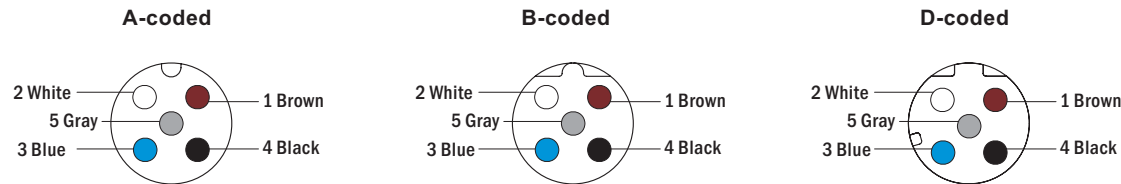
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

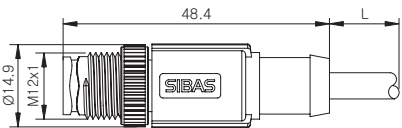
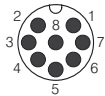
Assembly instruction



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

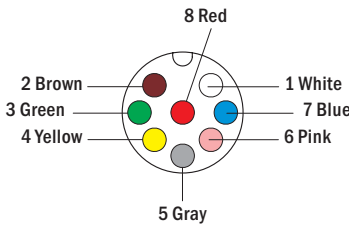
Ambient temperature		
Cable, fixed installation	-25°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature Plug	-25°C. . . +90°C	-25°C. . . +90°C

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	0.25mm²	0.25mm²
Conductor structure	32x0.1mm	32x0.1mm

Assembly instruction

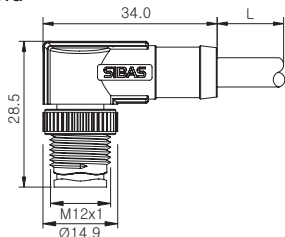
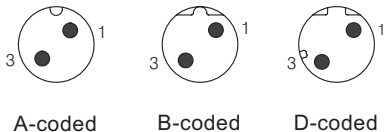
A-coded



M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

2poles



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

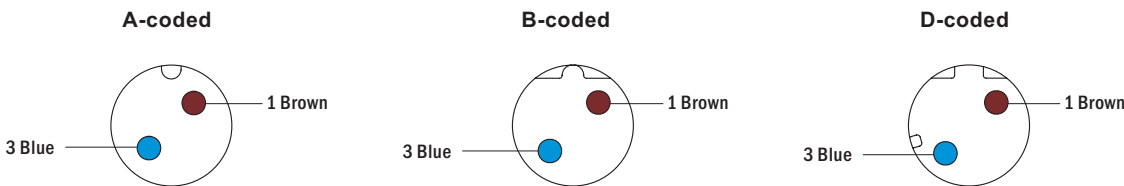
Connector data

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

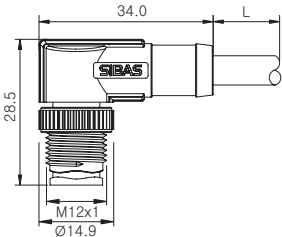
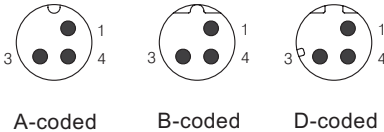
Assembly instruction



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

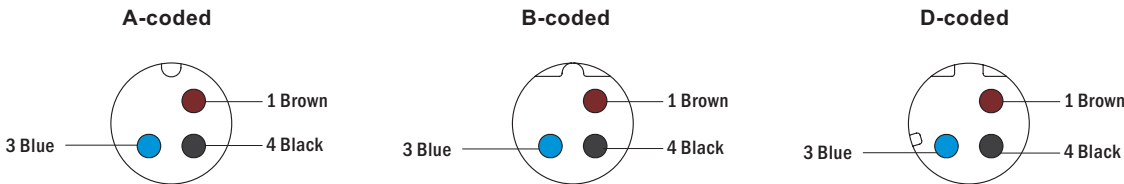
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature			
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	5.0mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

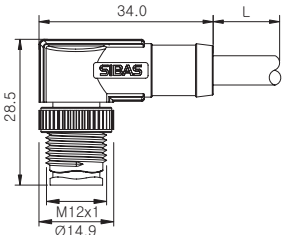
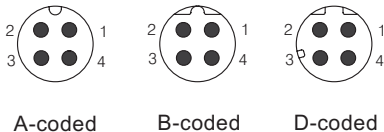
Assembly instruction



M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

4poles



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, 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

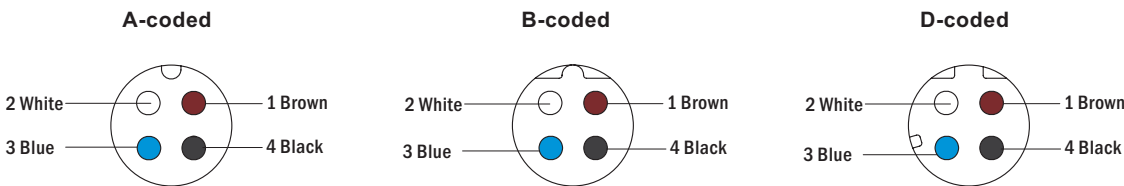
Connector data

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

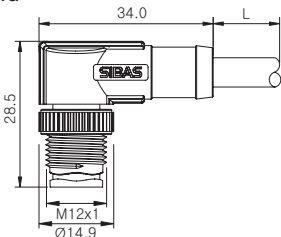
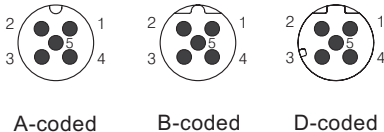
Assembly instruction



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	Order No.
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	4133056100
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

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

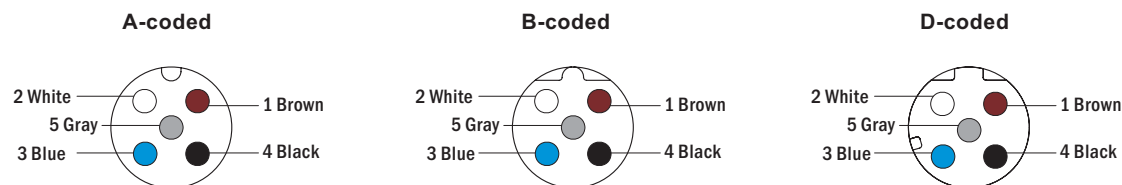
Connector data

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

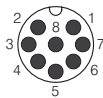
Assembly instruction



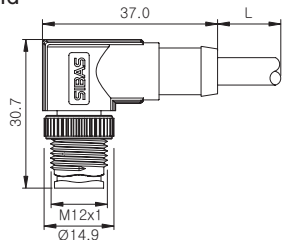
M12 Male Moulded, Angled

Description: M12X1 angled plug, and free conductor end

8poles

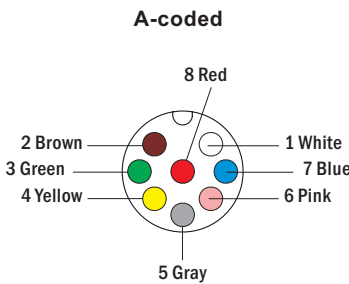


A-coded



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/Ag		Ni/Ag		Ni/Ag	
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	

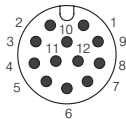
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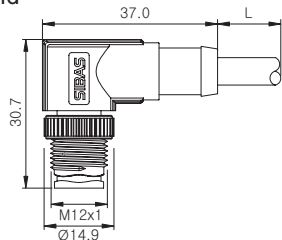
M12 Male Moulded, Angled

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

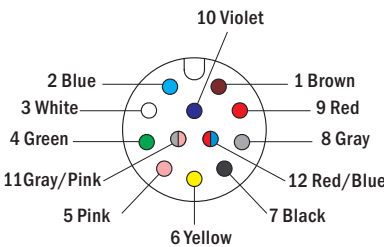
Ambient temperature			
Cable, fixed installation	-40°C...+80°C	-10°C...+70°C	-40°C...+120°C
Cable, flexible installation	-5°C...+80°C	-5°C...+70°C	-5°C...+120°C
Ambient temperature Plug	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

Connector data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Ag	Ni/Ag	Ni/Ag
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

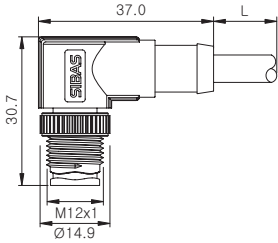
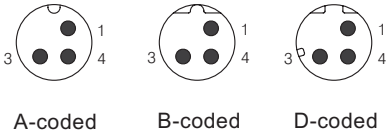
A-coded



M12 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

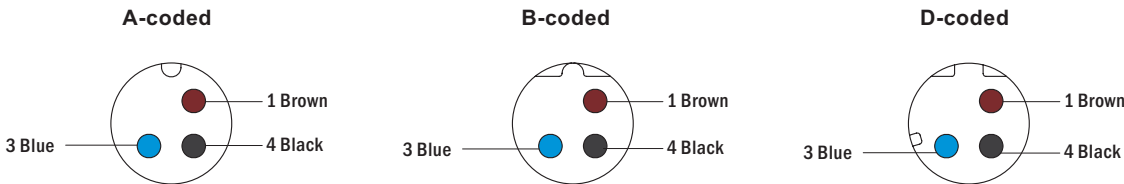
Technical data		PUR Cable	PVC Cable
Nominal current		4A	4A
Rated voltage		250V	250V
Contact resistance		≤5mΩ	≤5mΩ
Pollution degree		3	3
Degree of protection		IP65	IP65

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



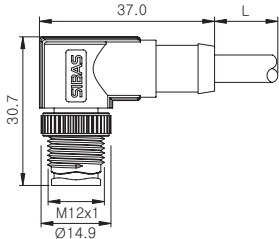
A-coded



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

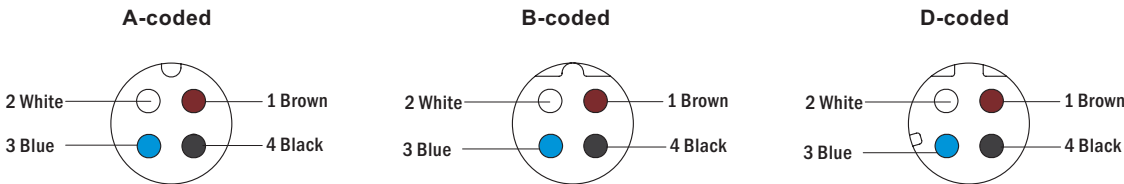
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

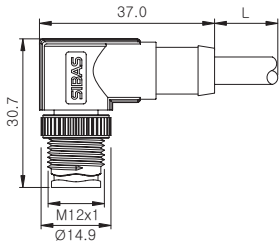
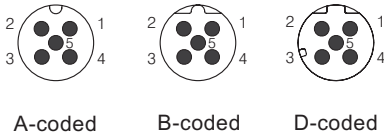
Assembly instruction



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

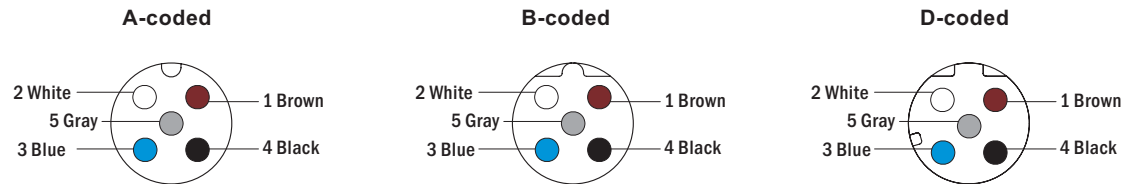
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
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

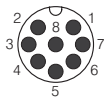
Assembly instruction



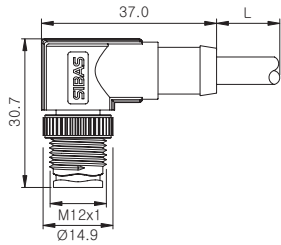
M12 Male Moulded, Angled, Shielded

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

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

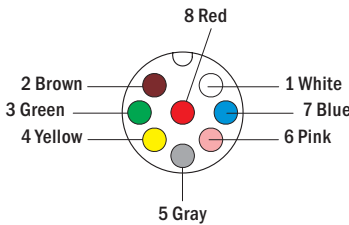
Ambient temperature		
Cable, fixed installation	-25°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature Plug	-25°C. . . +90°C	-25°C. . . +90°C

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

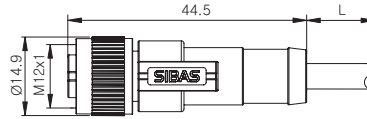
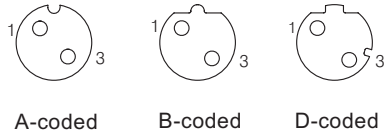
A-coded



M12 Female Moulded, Straight

Description: M12X1 straight socket, and free conductor end

2poles



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

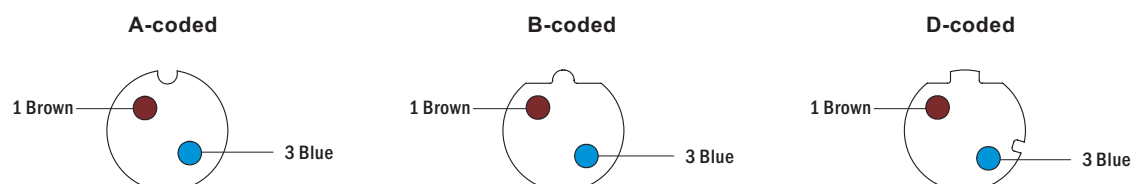
Connector data

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



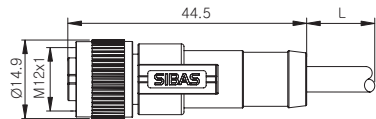
M12 Female Moulded, Straight

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

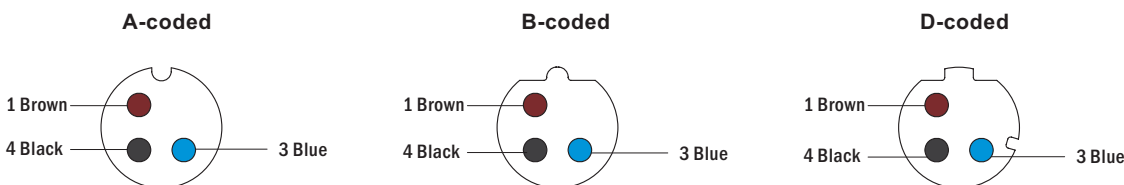
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

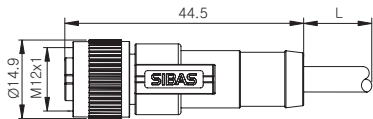
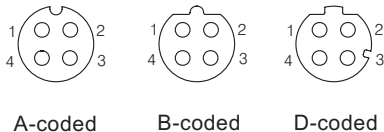
Assembly instruction



M12 Female Moulded, Straight

Description: M12X1 straight socket, and free conductor end

4poles



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

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

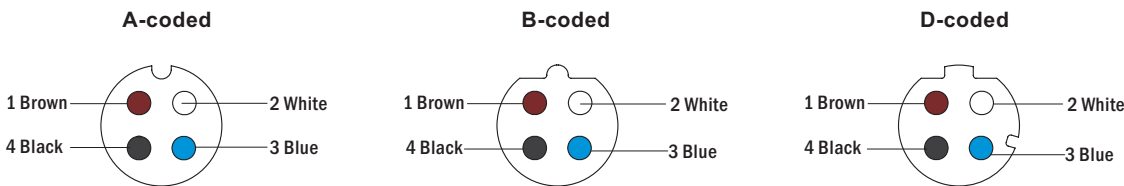
Connector data

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

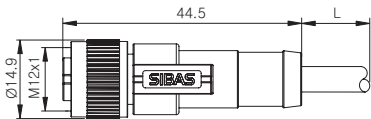
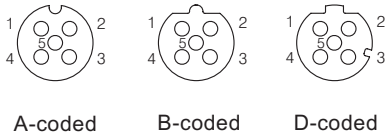
Assembly instruction



M12 Female Moulded, 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

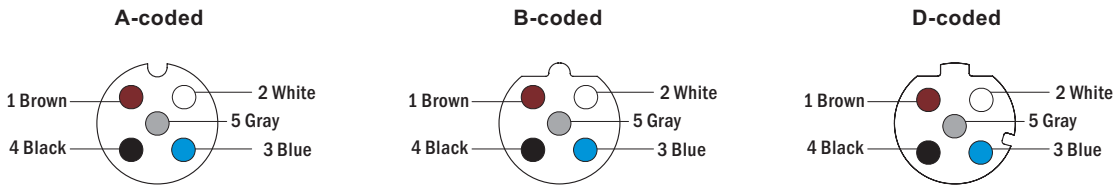
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature			
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

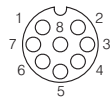
Assembly instruction



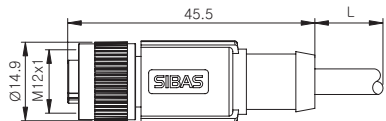
M12 Female Moulded, Straight

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

	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

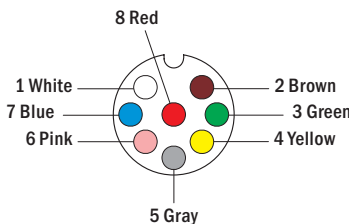
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

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

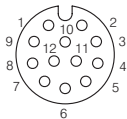
A-coded



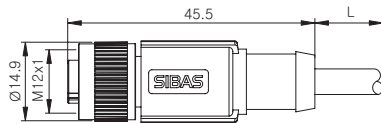
M12 Female Moulded, Straight

Description: M12X1 straight socket, and free conductor end

12poles



A-coded

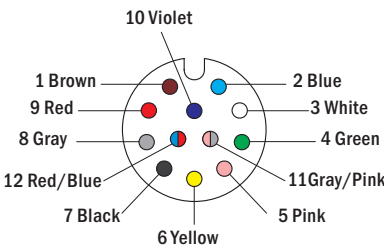


Description		PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Coding	Type	Order No.	Type	Order No.	Type	Order No.
1.5m,12poles	A	RPC-M12-FS-12CON-PUR-1.5	4104127015	RPC-M12-FS-12CON-PVC-1.5	4105127015	RPC-M12-FS-12CON-OR-1.5	4103127015
3.0m,12poles	A	RPC-M12-FS-12CON-PUR-3.0	4104127030	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				
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

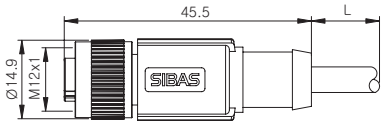
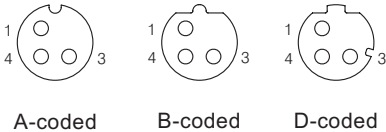
A-coded



M12 Female Moulded, Straight, Shielded

Description:M12X1 straight 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-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

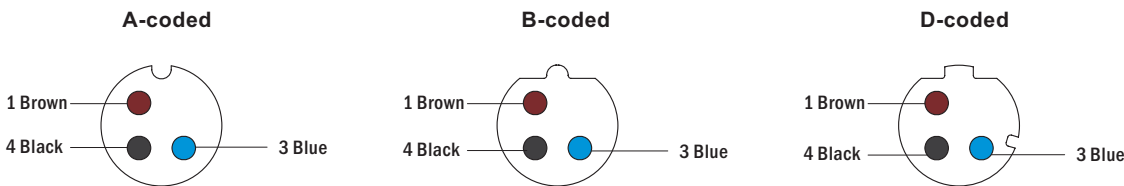
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

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/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

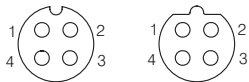
Assembly instruction



M12 Female Moulded, Straight, Shielded

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

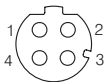
4poles



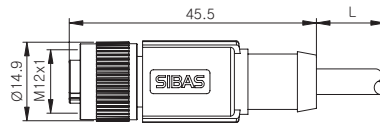
A-coded



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

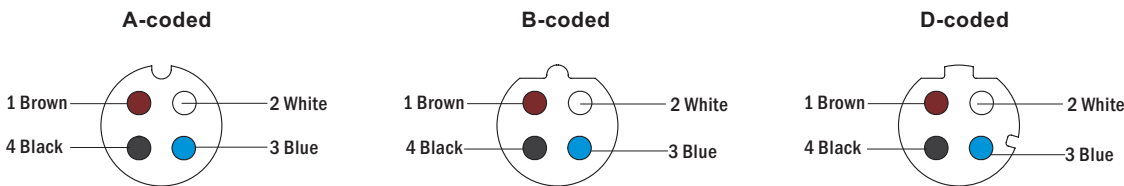
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

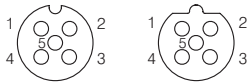
Assembly instruction



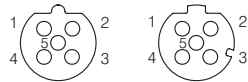
M12 Female Moulded, Straight, Shielded

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

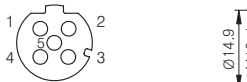
5poles



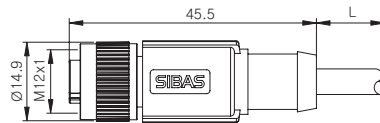
A-coded



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

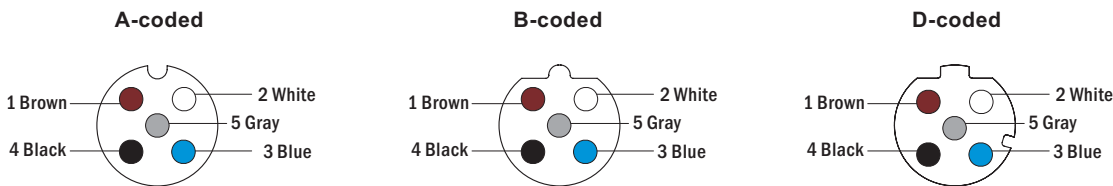
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

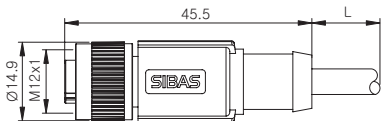
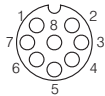
Assembly instruction



M12 Female Moulded, Straight, Shielded

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

8poles

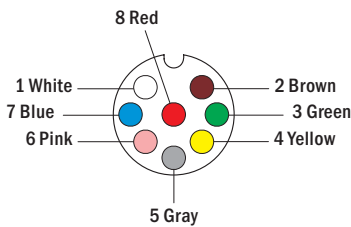


A-coded

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		0.25mm²	0.25mm²		
Conductor structure		32x0.1mm	32x0.1mm		

Assembly instruction

A-coded



M12 Female Moulded, Angled

Description: M12X1 angled socket, and free conductor end

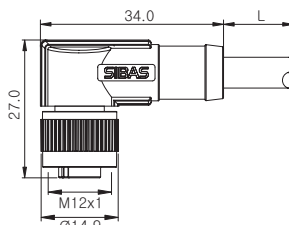
2poles



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

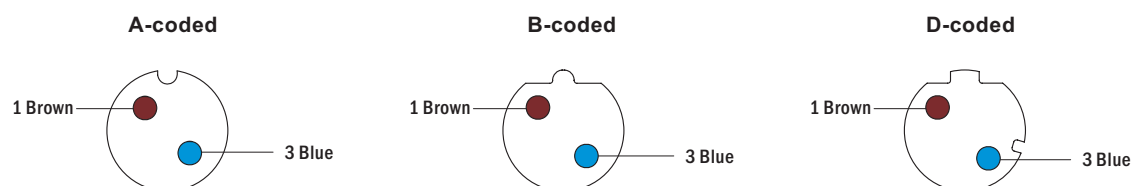
Connector data

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

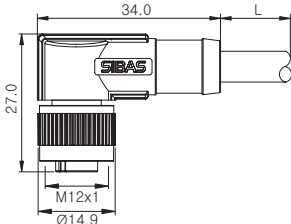
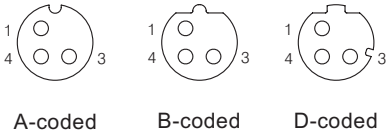
Assembly instruction



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

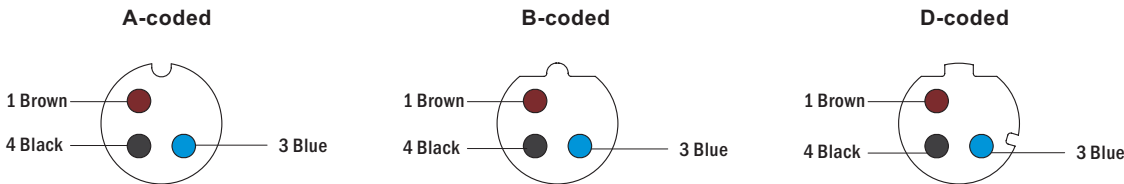
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

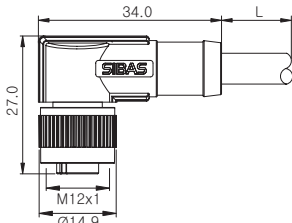
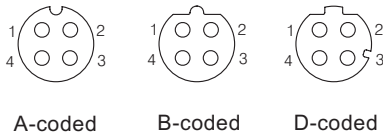
Assembly instruction



M12 Female Moulded, 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	≤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

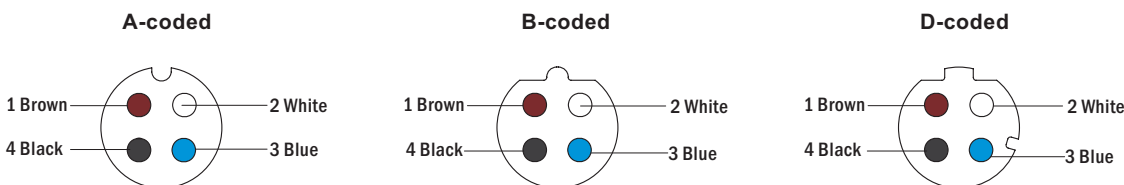
Connector data

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	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

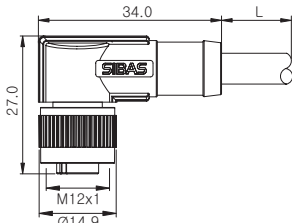
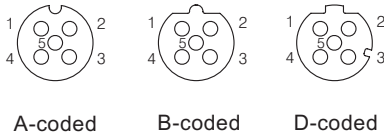
Assembly instruction



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.	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	

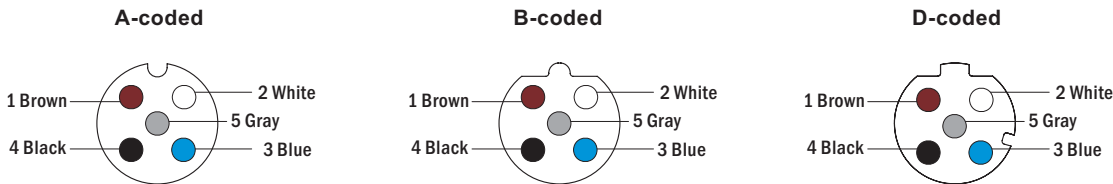
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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

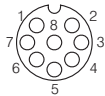
Assembly instruction



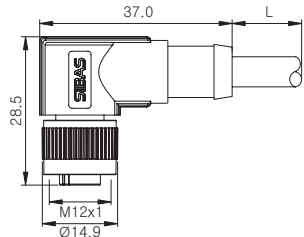
M12 Female Moulded, Angled

Description:M12X1 angled 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-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

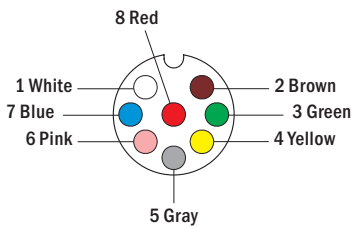
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Ag	Ni/Ag	Ni/Ag
Material of grip body	TPU	TPU	TPU

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

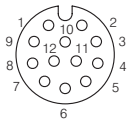
A-coded



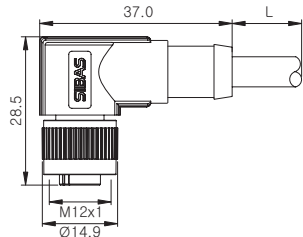
M12 Female Moulded, Angled

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

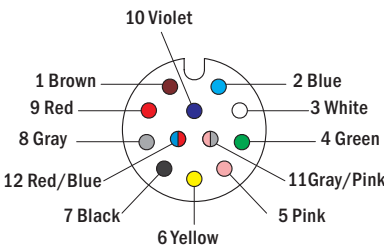
Ambient temperature			
Cable, fixed installation	-40°C. . . +80°C	-10°C. . . +70°C	-40°C. . . +120°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C	-5°C. . . +120°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C	-25°C. . . +90°C

Connector data			
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Ag	Ni/Ag	Ni/Ag
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

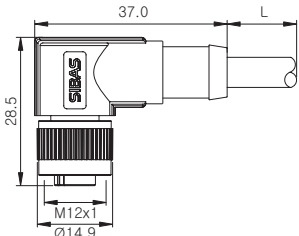
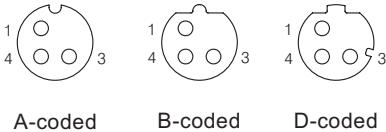
A-coded



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

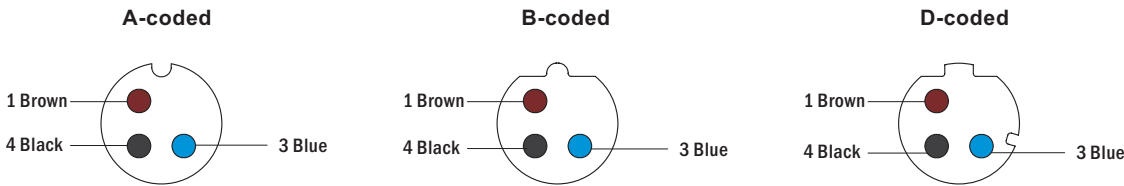
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

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/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

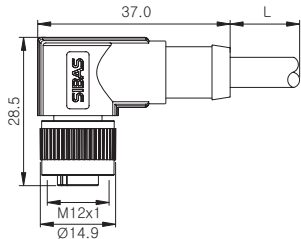
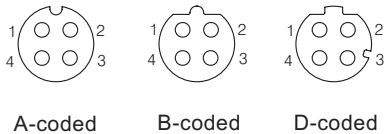
Assembly instruction



M12 Female Moulded, 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

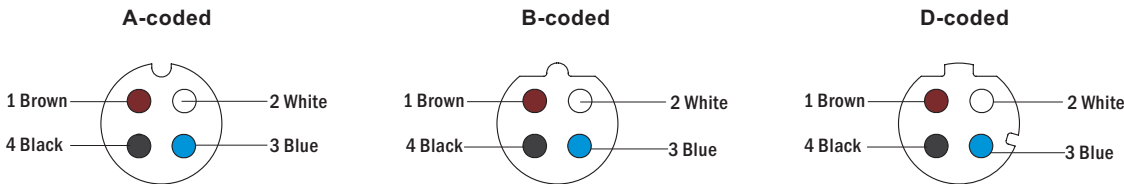
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

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/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

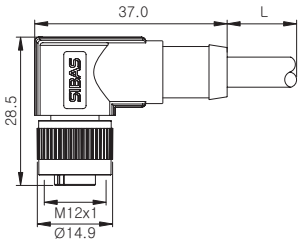
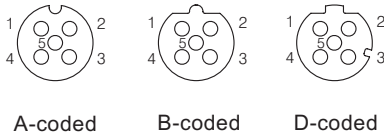
Assembly instruction



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

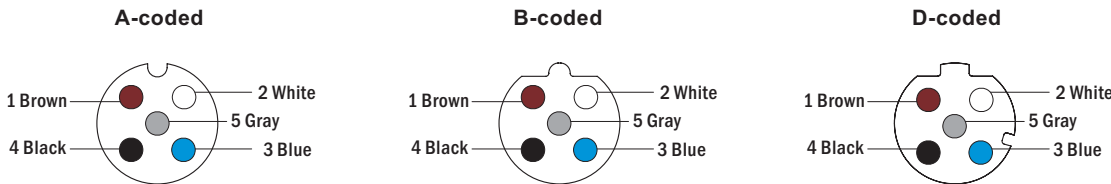
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
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

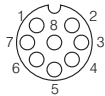
Assembly instruction



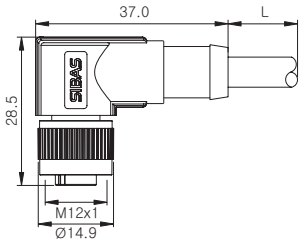
M12 Female Moulded, Angled, Shielded

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

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

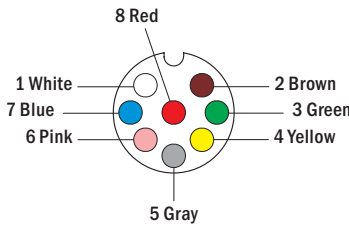
Ambient temperature		
Cable, fixed installation	-25°C. . . +80°C	-10°C. . . +70°C
Cable, flexible installation	-5°C. . . +80°C	-5°C. . . +70°C
Ambient temperature socket	-25°C. . . +90°C	-25°C. . . +90°C

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	0.25mm ²	0.25mm ²
Conductor structure	32x0.1mm	32x0.1mm

Assembly instruction

A-coded



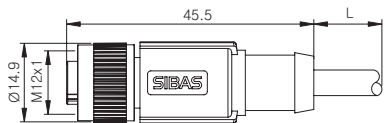
M12 Female Moulded, Straight, With 2 LEDs

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

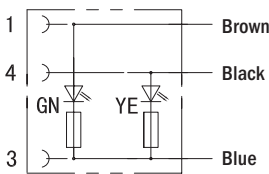
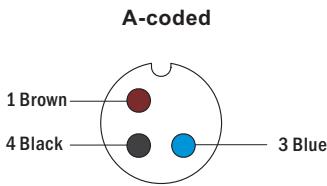
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

Ambient temperature	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 Cable	PVC Cable	Resistant to welding beads cable
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

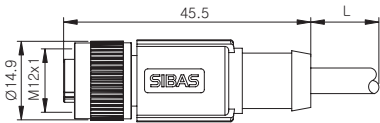
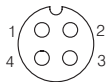


M12 Sockets with 2LEDs for PNP sensors

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	Order No.	Type	Order No.	Type	Order No.
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

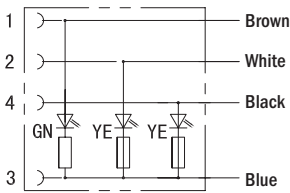
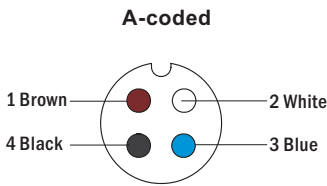
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

Ambient temperature			
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	5.0mm	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

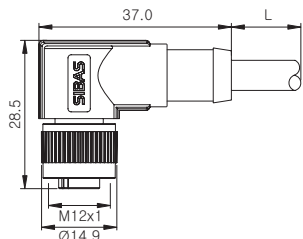
M12 Female Moulded, Angled, With 2 LEDS

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

3poles



A-coded



Description	PUR Cable		PVC Cable		Resistant to welding beads 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

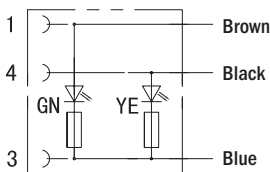
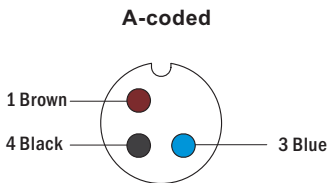
Connector data

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

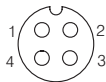


M12 Sockets with 2LEDs for PNP sensors

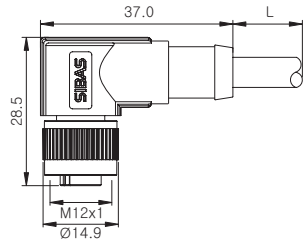
M12 Female Moulded, Angled, With 3 LEDS

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

4poles



A-coded



Description	PUR Cable		PVC Cable		Resistant to welding beads 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

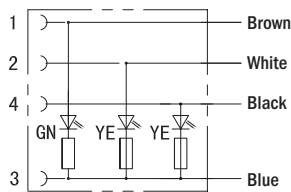
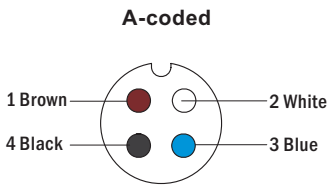
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	24V	24V	24V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP65/IP67	IP65/IP67	IP65/IP67

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

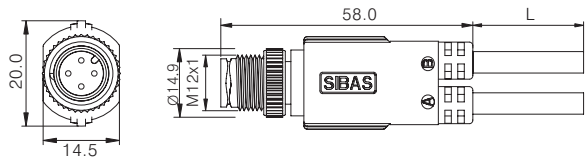


M12 Sockets with 3LEDs for PNP sensors

M12 Male Moulded, Stright, Y connector

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

4poles



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,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

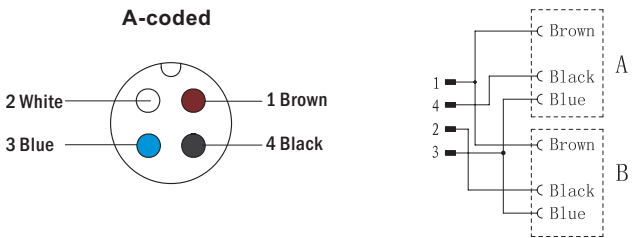
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature			
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	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

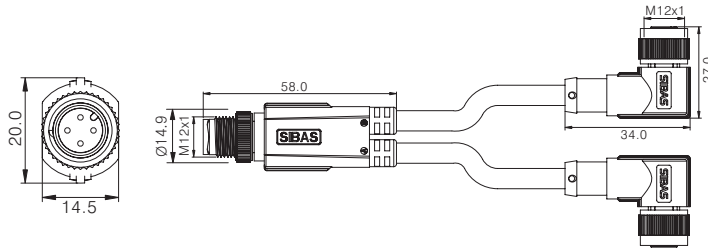
Assembly instruction



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-1.5-2M12-4FR-PUR	4184043015	RPC-M12Y3-4MS-1.5-2M12-4FR-PVC	4185043015	RPC-M12Y3-4MS-1.5-2M12-4FR-OR	4183043015
3.0m,4poles	RPC-M12Y3-4MS-3.0-2M12-4FR-PUR	4184043030	RPC-M12Y3-4MS-3.0-2M12-4FR-PVC	4185043030	RPC-M12Y3-4MS-3.0-2M12-4FR-OR	4183043030
5.0m,4poles	RPC-M12Y3-4MS-5.0-2M12-4FR-PUR	4184043050	RPC-M12Y3-4MS-5.0-2M12-4FR-PVC	4185043050	RPC-M12Y3-4MS-5.0-2M12-4FR-OR	4183043050
10m,4poles	RPC-M12Y3-4MS-10-2M12-4FR-PUR	4184043100	RPC-M12Y3-4MS-10-2M12-4FR-PVC	4185043100	RPC-M12Y3-4MS-10-2M12-4FR-OR	4183043100

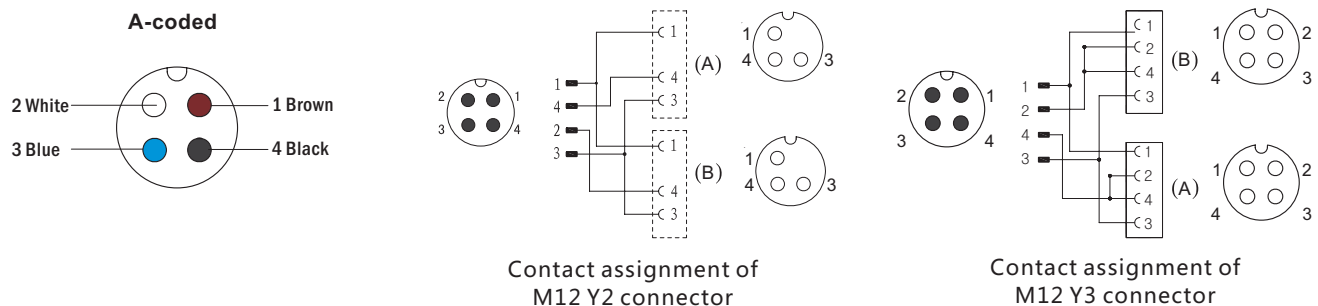
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	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	5.2mm	5.0mm	5.2mm
Wire cross section	0.34mm ²	0.34mm ²	0.34mm ²
Conductor structure	42x0.1mm	42x0.1mm	42x0.1mm

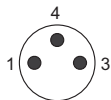
Assembly instruction



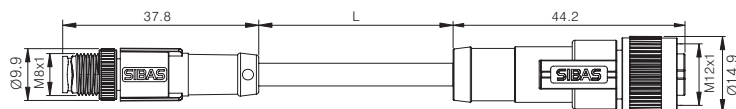
M8 Male straight on M12 female straight ,Moulded

Description: Straight M8 pulg on straight M12 socket

3poles



M8 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 3poles	RPC-M8-3MS-1.5-M12-3FS-PUR	RPC-M8-3MS-1.5-M12-3FS-PVC	RPC-M8-3MS-1.5-M12-3FS-OR
3.0m, 3poles	RPC-M8-3MS-3.0-M12-3FS-PUR	RPC-M8-3MS-3.0-M12-3FS-PVC	RPC-M8-3MS-3.0-M12-3FS-OR
5.0m, 3poles	RPC-M8-3MS-5.0-M12-3FS-PUR	RPC-M8-3MS-5.0-M12-3FS-PVC	RPC-M8-3MS-5.0-M12-3FS-OR
10m, 3poles	RPC-M8-3MS-10.0-M12-3FS-PUR	RPC-M8-3MS-10.0-M12-3FS-PVC	RPC-M8-3MS-10.0-M12-3FS-OR

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

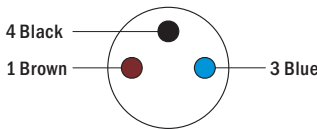
Connector data

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

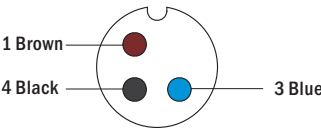
Cable data

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

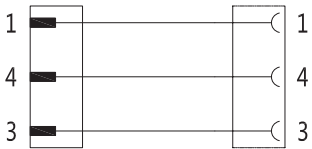
Assembly instruction



M8 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)



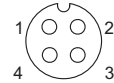
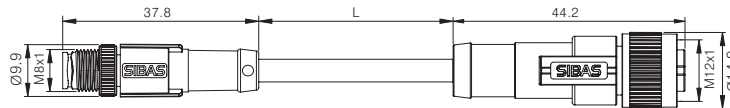
M8 Male straight on M12 female straight ,Moulded

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	Order No.	Type	Order No.
1.5m,4poles	RPC-M8-4MS-1.5-M12-4FS-PUR	4064046015	RPC-M8-4MS-1.5-M12-4FS-PVC	4065046015	RPC-M8-4MS-1.5-M12-4FS-OR	4063046015
3.0m,4poles	RPC-M8-4MS-3.0-M12-4FS-PUR	4064046030	RPC-M8-4MS-3.0-M12-4FS-PVC	4065046030	RPC-M8-4MS-3.0-M12-4FS-OR	4063046030
5.0m,4poles	RPC-M8-4MS-5.0-M12-4FS-PUR	4064046050	RPC-M8-4MS-5.0-M12-4FS-PVC	4065046050	RPC-M8-4MS-5.0-M12-4FS-OR	4063046050
10m,4poles	RPC-M8-4MS-10.0-M12-4FS-PUR	4064046100	RPC-M8-4MS-10.0-M12-4FS-PVC	4065046100	RPC-M8-4MS-10.0-M12-4FS-OR	4063046100

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

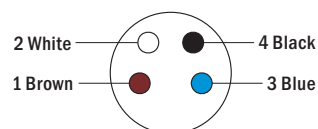
Connector data

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

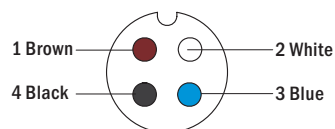
Cable data

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

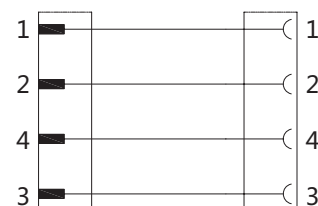
Assembly instruction



M8 Male, 4-pole
(A-coded)



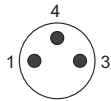
M12 Female, 4-pole
(A-coded)



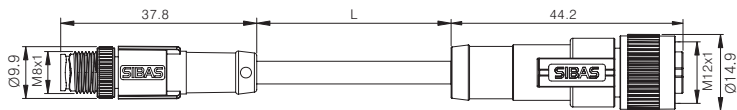
M8 Male straight on M12 female straight ,Moulded,Shielded

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

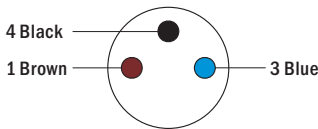
Technical data	PUR Cable	PVC Cable
Nominal current	3A	3A
Rated voltage	60V	60V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

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

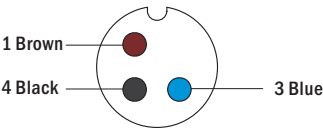
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

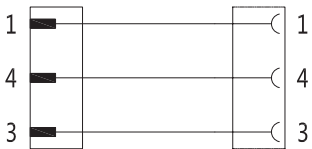
Assembly instruction



M8 Male,3-pole
(A-coded)



M12 Female,3-pole
(A-coded)



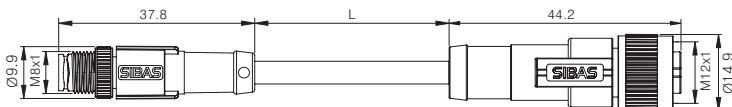
M8 Male straight on M12 female straight ,Moulded,Shielded

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

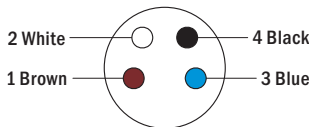
Connector data

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

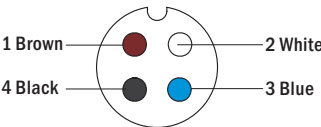
Cable data

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

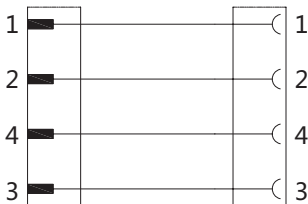
Assembly instruction



M8 Male, 4-pole
(A-coded)



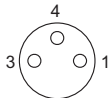
M12 Female, 4-pole
(A-coded)



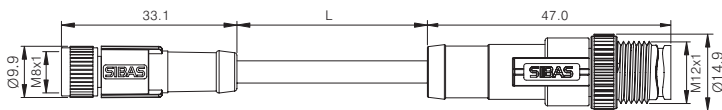
M8 Female straight on M12 Male straight,Moulded

Description: Straight M8 socket on straight M12 plug

3poles



M8 Female, 3-pole
(A-coded)



M12 Male, 3-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

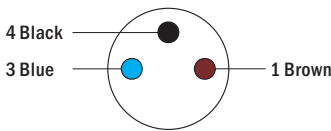
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	3A	3A	3A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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	-25°C...+90°C	-25°C...+90°C	-25°C...+90°C

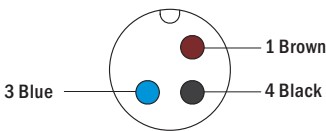
Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	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

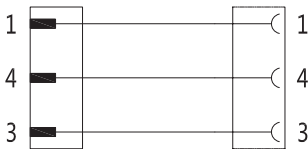
Assembly instruction



M8 Female, 3-pole
(A-coded)



M12 Male, 3-pole
(A-coded)



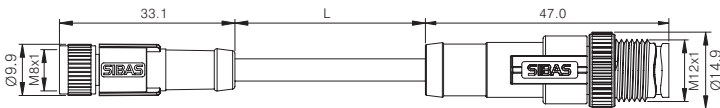
M8 Female straight on M12 Male straight, Moulded

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

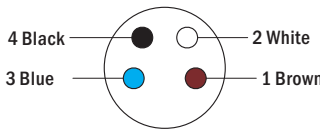
Connector data

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

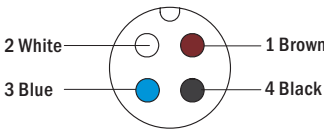
Cable data

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

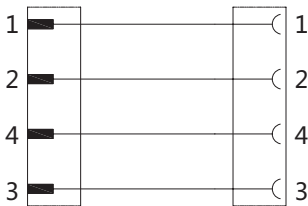
Assembly instruction



M8 Female, 4-pole
(A-coded)



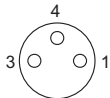
M12 Male, 4-pole
(A-coded)



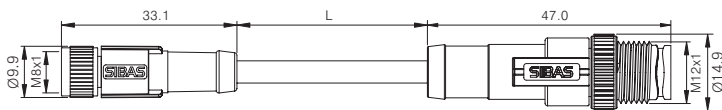
M8 Female straight on M12 Male straight,Moulded,Shielded

Description: Straight M8 socket on straight M12 plug

3poles



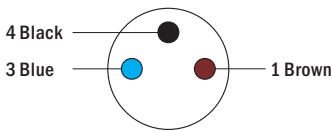
M8 Female,3-pole
(A-coded)



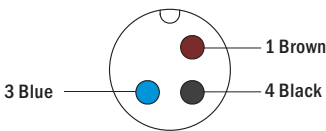
M12 Male,3-pole
(A-coded)

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					
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		0.25mm²	0.25mm²		
Conductor structure		32x0.1mm	32x0.1mm		

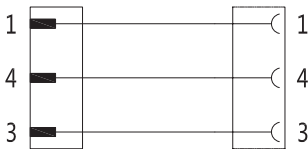
Assembly instruction



M8 Female,3-pole
(A-coded)



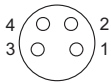
M12 Male,3-pole
(A-coded)



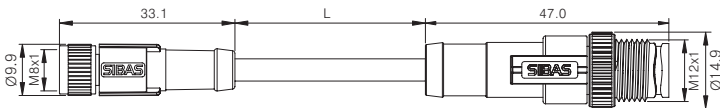
M8 Female straight on M12 Male straight, Moulded, Shielded

Description: Straight M8 socket on straight M12 plug

4poles



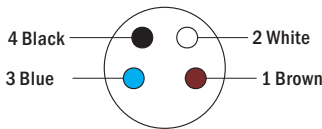
M8 Female, 4-pole
(A-coded)



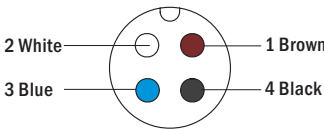
M12 Male, 4-pole
(A-coded)

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		≤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 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	

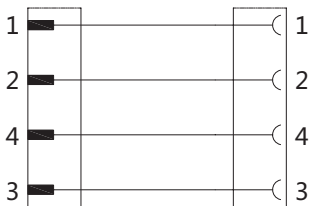
Assembly instruction



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		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

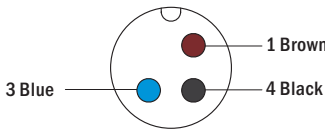
Connector data

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

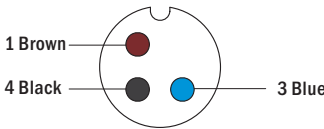
Cable data

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

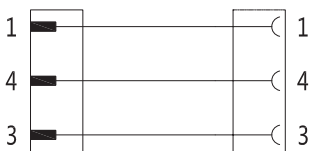
Assembly instruction



M12 Male, 3-pole
(A-coded)



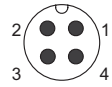
M12 Female, 3-pole
(A-coded)



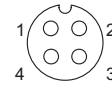
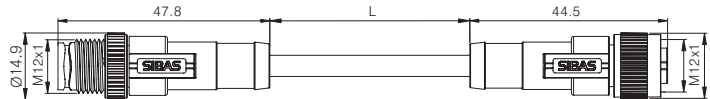
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

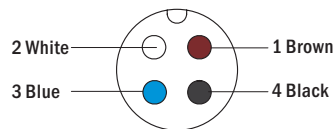
Connector data

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

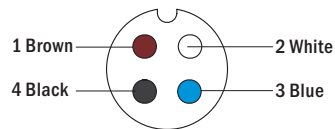
Cable data

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

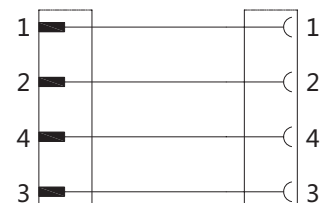
Assembly instruction



M12 Male, 4-pole
(A-coded)



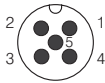
M12 Female, 4-pole
(A-coded)



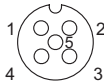
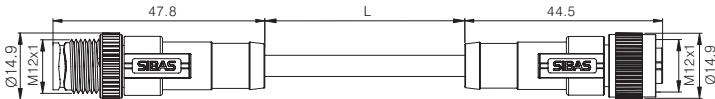
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

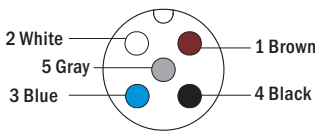
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	60V	60V	60V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

Ambient temperature	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	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

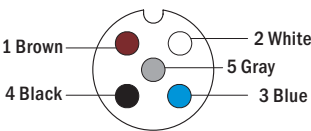
Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

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

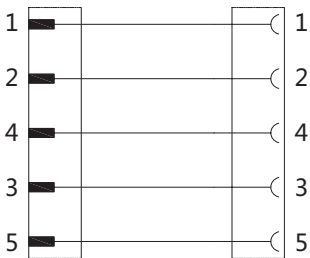
Assembly instruction



M12 Male, 5-pole
(A-coded)



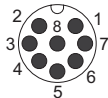
M12 Female, 5-pole
(A-coded)



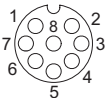
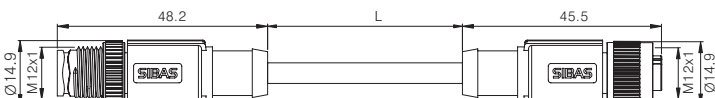
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

8poles



M12 Male,8-pole
(A-coded)



M12 Female,8-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

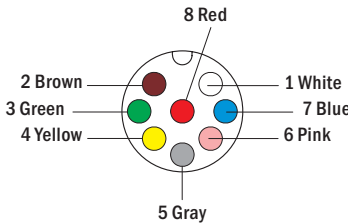
Connector data

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

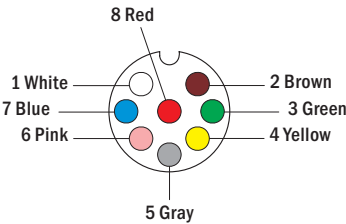
Cable data

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

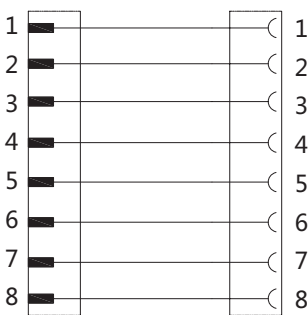
Assembly instruction



M12 Male,8-pole
(A-coded)



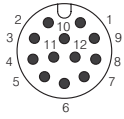
M12 Female,8-pole
(A-coded)



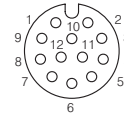
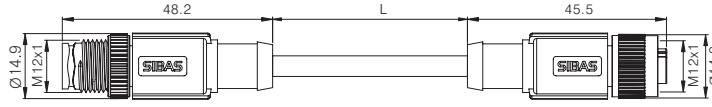
M12 male straight on M12 female straight ,Moulded

Description: Straight M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

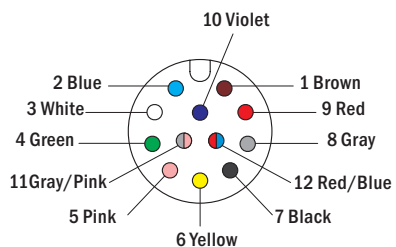
Connector data

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

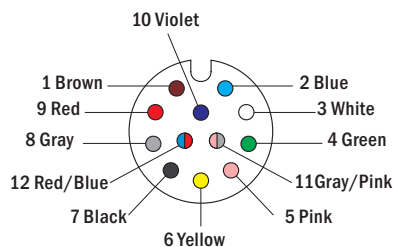
Cable data

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

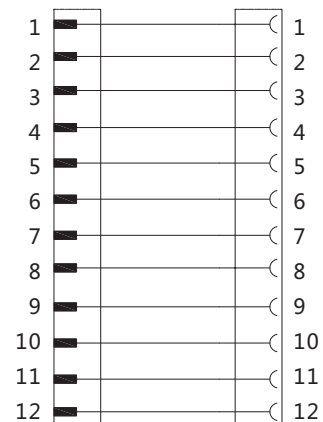
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



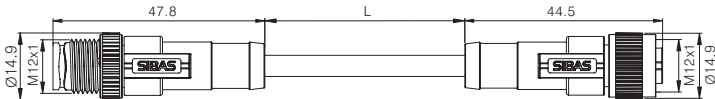
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 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-M12-3MS-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

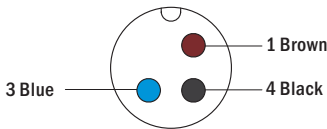
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

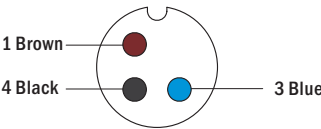
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

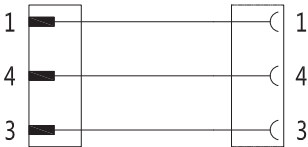
Assembly instruction



M12 Male, 3-pole
(A-coded)



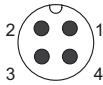
M12 Female, 3-pole
(A-coded)



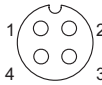
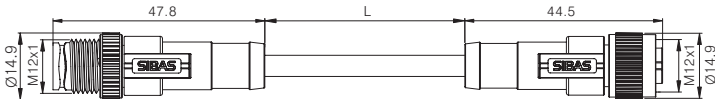
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight M12 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-M12-4MS-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

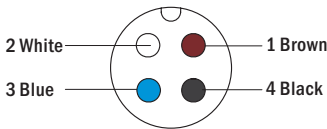
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

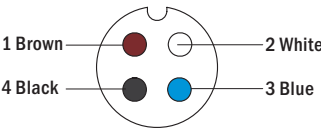
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

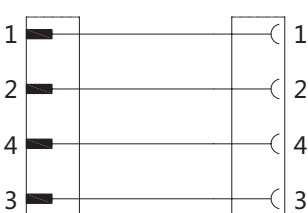
Assembly instruction



M12 Male, 4-pole
(A-coded)



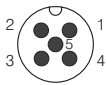
M12 Female, 4-pole
(A-coded)



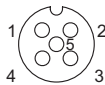
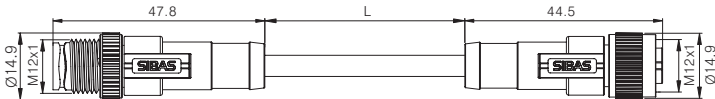
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight 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-M12-5MS-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

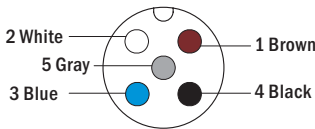
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
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

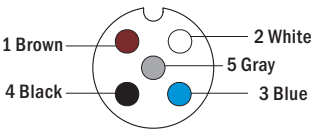
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

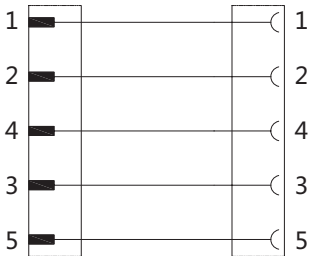
Assembly instruction



M12 Male,5-pole
(A-coded)



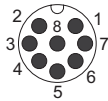
M12 Female,5-pole
(A-coded)



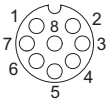
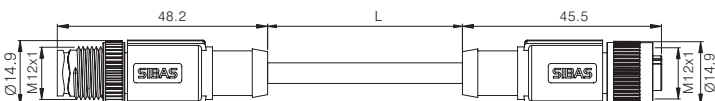
M12 male straight on M12 female straight ,Moulded,Shielded

Description: Straight 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-M12-8MS-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

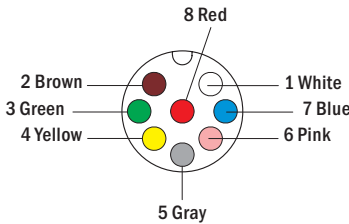
Technical data		PUR Cable	PVC Cable
Nominal current		2A	2A
Rated voltage		30V	30V
Contact resistance		≤5m Ω	≤5m Ω
Pollution degree		3	3
Degree of protection		IP65	IP65

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

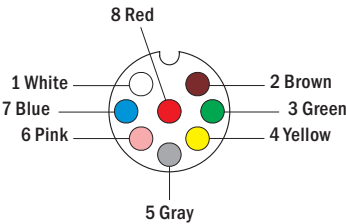
Connector data		A	A
Coding		A	A
Insulating material		PA/TPU	PA/TPU
Contact material		CuSn	CuSn
Contact surface material		Ni/Ag	Ni/Ag
Material of grip body		TPU	TPU

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

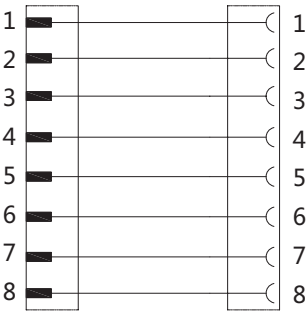
Assembly instruction



M12 Male,8-pole
(A-coded)



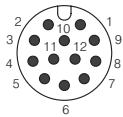
M12 Female,8-pole
(A-coded)



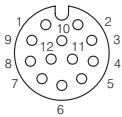
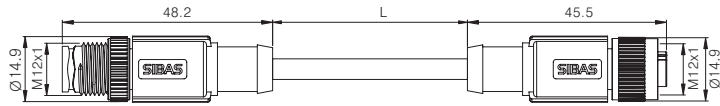
M12 male straight on M12 female straight ,Moulded,Shielded

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

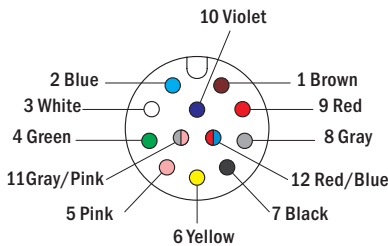
Connector data

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

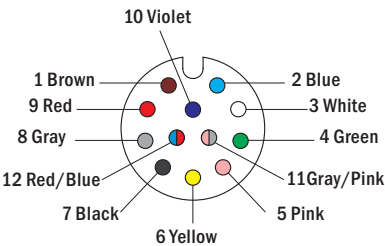
Cable data

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

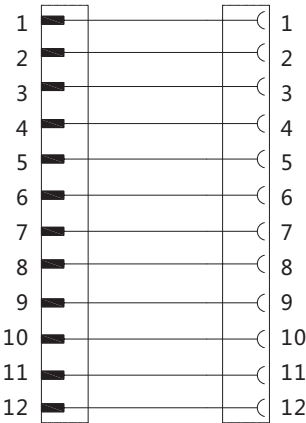
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



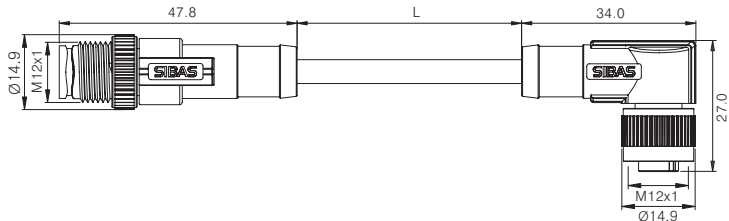
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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	≤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

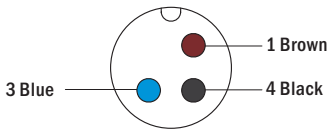
Connector data

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

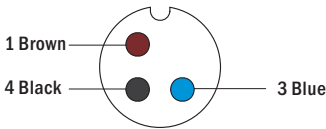
Cable data

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

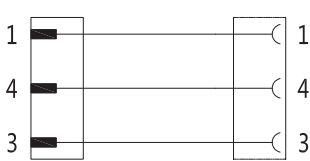
Assembly instruction



M12 Male, 3-pole
(A-coded)



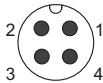
M12 Female, 3-pole
(A-coded)



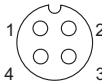
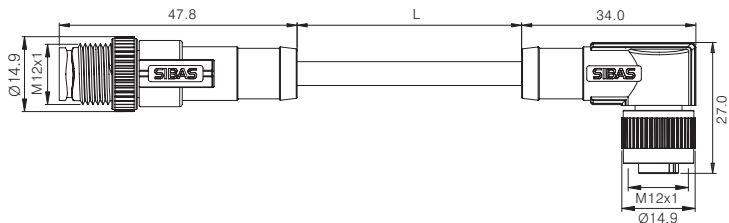
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 4poles	RPC-M12-4MS-1.5-M12-4FR-PUR	RPC-M12-4MS-1.5-M12-4FR-PVC	RPC-M12-4MS-1.5-M12-4FR-OR
3.0m, 4poles	RPC-M12-4MS-3.0-M12-4FR-PUR	RPC-M12-4MS-3.0-M12-4FR-PVC	RPC-M12-4MS-3.0-M12-4FR-OR
5.0m, 4poles	RPC-M12-4MS-5.0-M12-4FR-PUR	RPC-M12-4MS-5.0-M12-4FR-PVC	RPC-M12-4MS-5.0-M12-4FR-OR
10m, 4poles	RPC-M12-4MS-10.0-M12-4FR-PUR	RPC-M12-4MS-10.0-M12-4FR-PVC	RPC-M12-4MS-10.0-M12-4FR-OR

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

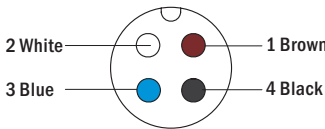
Connector data

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

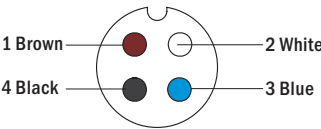
Cable data

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

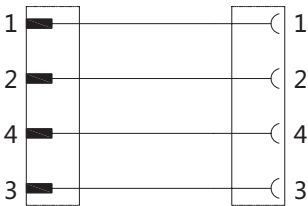
Assembly instruction



M12 Male, 4-pole
(A-coded)



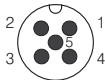
M12 Female, 4-pole
(A-coded)



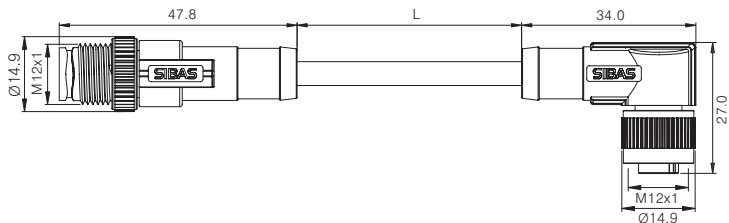
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 5poles	RPC-M12-5MS-1.5-M12-5FR-PUR	RPC-M12-5MS-1.5-M12-5FR-PVC	RPC-M12-5MS-1.5-M12-5FR-OR
3.0m, 5poles	RPC-M12-5MS-3.0-M12-5FR-PUR	RPC-M12-5MS-3.0-M12-5FR-PVC	RPC-M12-5MS-3.0-M12-5FR-OR
5.0m, 5poles	RPC-M12-5MS-5.0-M12-5FR-PUR	RPC-M12-5MS-5.0-M12-5FR-PVC	RPC-M12-5MS-5.0-M12-5FR-OR
10m, 5poles	RPC-M12-5MS-10.0-M12-5FR-PUR	RPC-M12-5MS-10.0-M12-5FR-PVC	RPC-M12-5MS-10.0-M12-5FR-OR

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

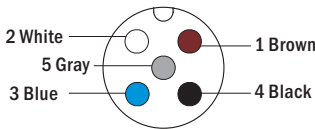
Connector data

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

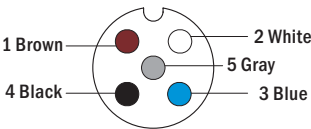
Cable data

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

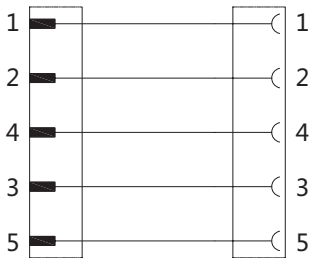
Assembly instruction



M12 Male, 5-pole
(A-coded)



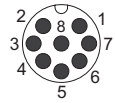
M12 Female, 5-pole
(A-coded)



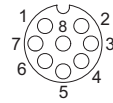
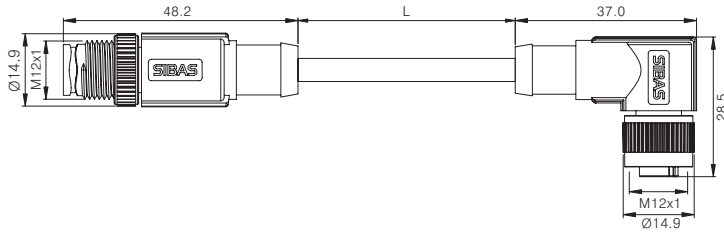
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

8poles



M12 Male, 8-pole
(A-coded)



M12 Female, 8-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 8poles	RPC-M12-8MS-1.5-M12-8FR-PUR	RPC-M12-8MS-1.5-M12-8FR-PVC	RPC-M12-8MS-1.5-M12-8FR-OR
3.0m, 8poles	RPC-M12-8MS-3.0-M12-8FR-PUR	RPC-M12-8MS-3.0-M12-8FR-PVC	RPC-M12-8MS-3.0-M12-8FR-OR
5.0m, 8poles	RPC-M12-8MS-5.0-M12-8FR-PUR	RPC-M12-8MS-5.0-M12-8FR-PVC	RPC-M12-8MS-5.0-M12-8FR-OR
10m, 8poles	RPC-M12-8MS-10.0-M12-8FR-PUR	RPC-M12-8MS-10.0-M12-8FR-PVC	RPC-M12-8MS-10.0-M12-8FR-OR

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

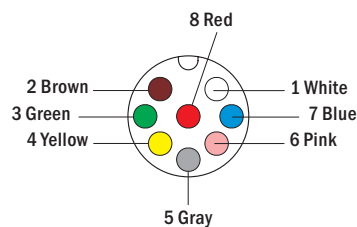
Connector data

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

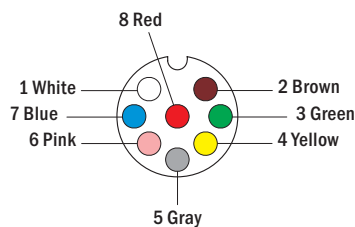
Cable data

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

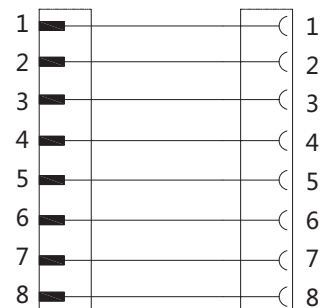
Assembly instruction



M12 Male, 8-pole
(A-coded)



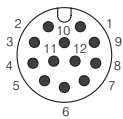
M12 Female, 8-pole
(A-coded)



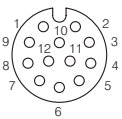
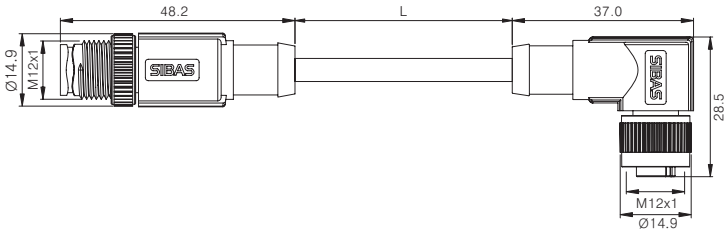
M12 male straight on M12 female angled, Moulded

Description: Straight M12 plug on angled M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 12poles	RPC-M12-12MS-1.5-M12-12FR-PUR	RPC-M12-12MS-1.5-M12-12FR-PVC	RPC-M12-12MS-1.5-M12-12FR-OR
3.0m, 12poles	RPC-M12-12MS-3.0-M12-12FR-PUR	RPC-M12-12MS-3.0-M12-12FR-PVC	RPC-M12-12MS-3.0-M12-12FR-OR
5.0m, 12poles	RPC-M12-12MS-5.0-M12-12FR-PUR	RPC-M12-12MS-5.0-M12-12FR-PVC	RPC-M12-12MS-5.0-M12-12FR-OR
10m, 12poles	RPC-M12-12MS-10.0-M12-12FR-PUR	RPC-M12-12MS-10.0-M12-12FR-PVC	RPC-M12-12MS-10.0-M12-12FR-OR

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

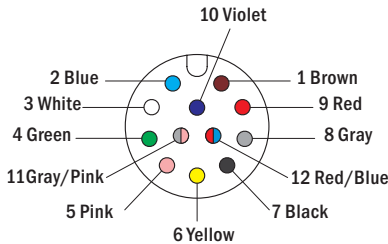
Connector data

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

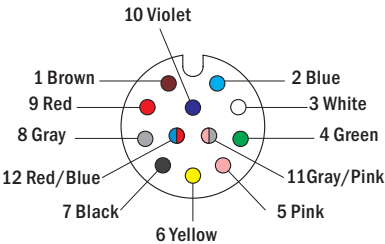
Cable data

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

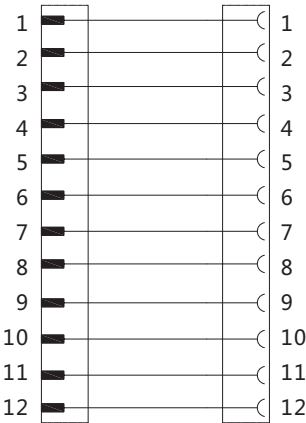
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



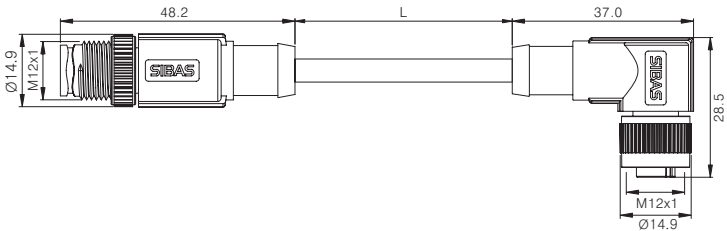
M12 male straight on M12 female angled, Moulded,Shielded

Description: Straight M12 pulg 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

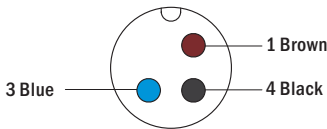
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5m Ω	≤5m Ω
Pollution degree	3	3
Degree of protection	IP65	IP65

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

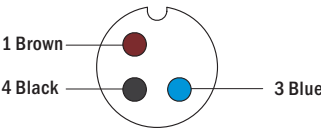
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

Assembly instruction



M12 Male,3-pole
(A-coded)



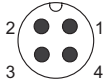
M12 Female,3-pole
(A-coded)



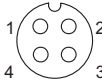
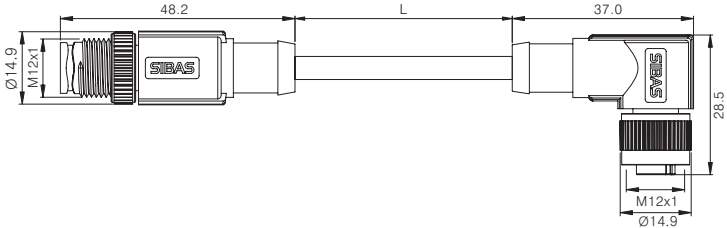
M12 male straight on M12 female angled, Moulded, Shielded

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

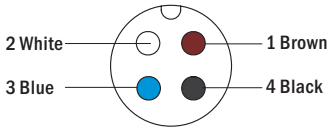
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature		
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

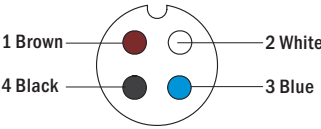
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

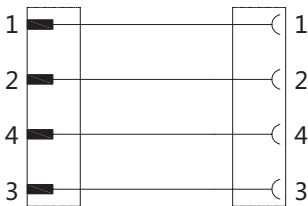
Assembly instruction



M12 Male, 4-pole
(A-coded)



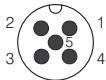
M12 Female, 4-pole
(A-coded)



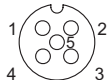
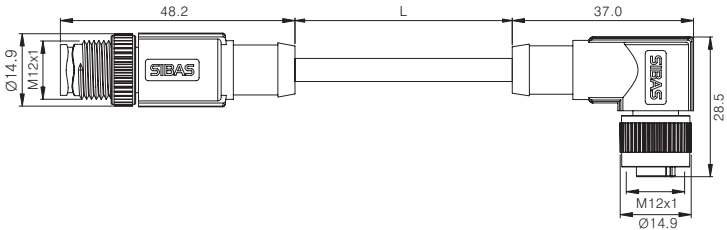
M12 male straight on M12 female angled, Moulded, Shielded

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	≤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

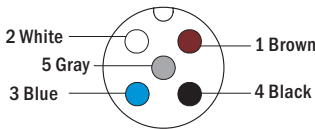
Connector data

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

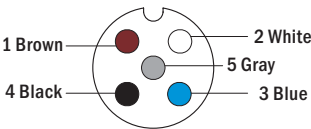
Cable data

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

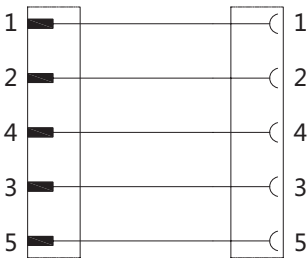
Assembly instruction



M12 Male, 5-pole
(A-coded)



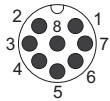
M12 Female, 5-pole
(A-coded)



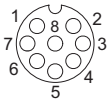
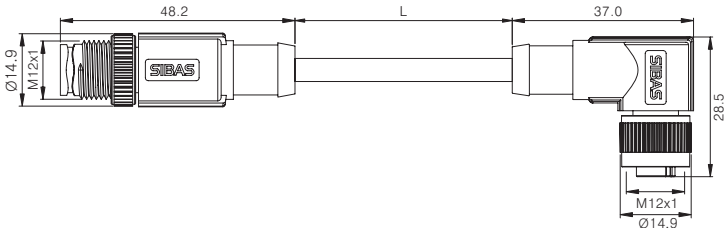
M12 male straight on M12 female angled, Moulded, Shielded

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	≤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

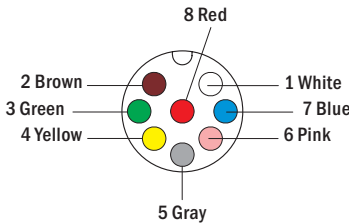
Connector data

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

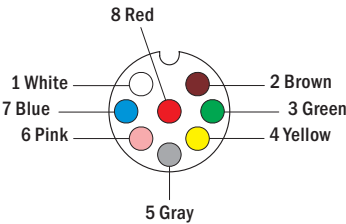
Cable data

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

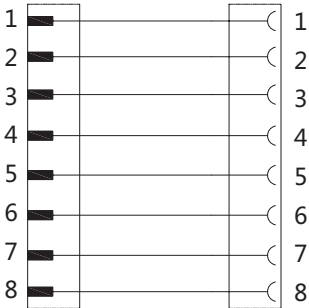
Assembly instruction



M12 Male, 8-pole
(A-coded)



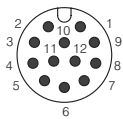
M12 Female, 8-pole
(A-coded)



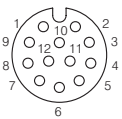
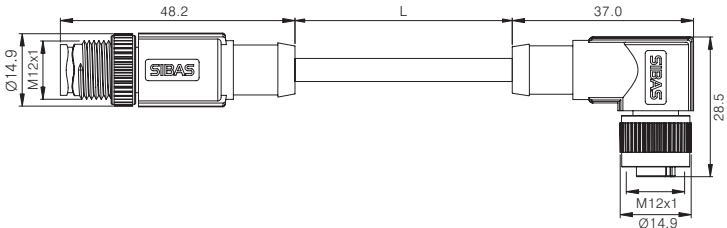
M12 male straight on M12 female angled, Moulded, Shielded

Description: Straight M12 plug on angled M12 socket

12poles



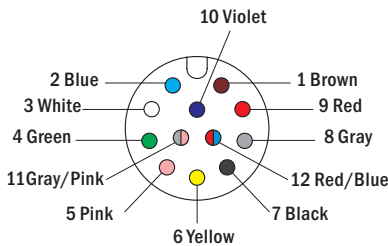
M12 Male, 12-pole
(A-coded)



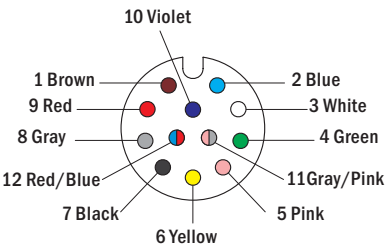
M12 Female, 12-pole
(A-coded)

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	≤5m Ω	≤5m 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	-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/Ag	Ni/Ag		
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		

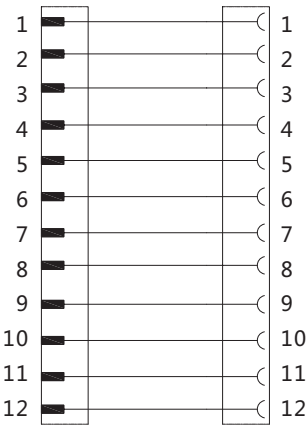
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



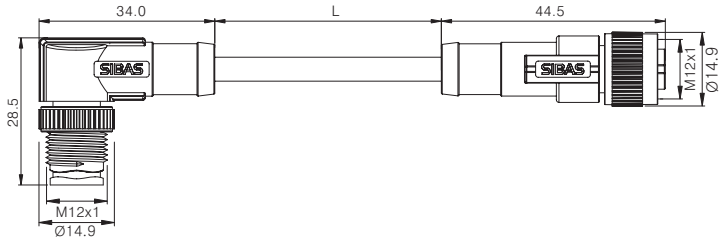
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

3poles



M12 Male, 3-pole
(A-coded)



M12 Female, 3-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 3poles	RPC-M12-3FS-1.5-M12-3MR-PUR	RPC-M12-3FS-1.5-M12-3MR-PVC	RPC-M12-3FS-1.5-M12-3MR-OR
3.0m, 3poles	RPC-M12-3FS-3.0-M12-3MR-PUR	RPC-M12-3FS-3.0-M12-3MR-PVC	RPC-M12-3FS-3.0-M12-3MR-OR
5.0m, 3poles	RPC-M12-3FS-5.0-M12-3MR-PUR	RPC-M12-3FS-5.0-M12-3MR-PVC	RPC-M12-3FS-5.0-M12-3MR-OR
10m, 3poles	RPC-M12-3FS-10.0-M12-3MR-PUR	RPC-M12-3FS-10.0-M12-3MR-PVC	RPC-M12-3FS-10.0-M12-3MR-OR

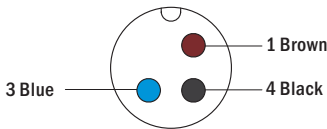
Technical data	PUR Cable	PVC Cable	Resistant to welding beads cable
Nominal current	4A	4A	4A
Rated voltage	250V	250V	250V
Contact resistance	≤5m Ω	≤5m Ω	≤5m Ω
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67

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	-25°C... +90°C	-25°C... +90°C	-25°C... +90°C

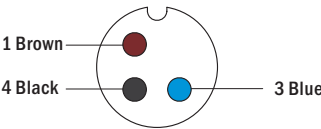
Connector data	PUR Cable	PVC Cable	Resistant to welding beads cable
Coding	A	A	A
Insulating material	PA/TPU	PA/TPU	PA/TPU
Contact material	CuSn	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au	Ni/Au
Material of grip body	TPU	TPU	TPU

Cable data	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable Jacket	PUR	PVC	Resistant to welding beads
Cable diameter	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

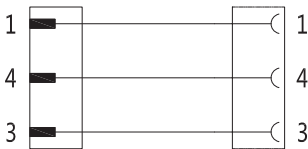
Assembly instruction



M12 Male, 3-pole
(A-coded)



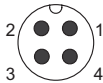
M12 Female, 3-pole
(A-coded)



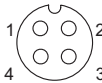
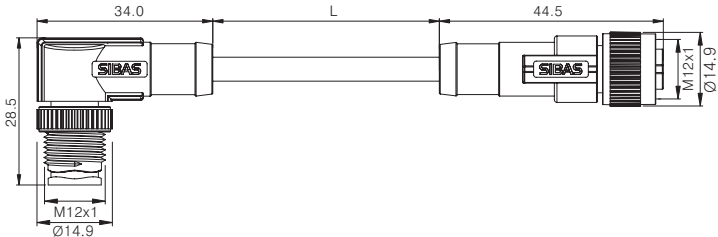
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

4poles



M12 Male, 4-pole
(A-coded)



M12 Female, 4-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 4poles	RPC-M12-4FS-1.5-M12-4MR-PUR	RPC-M12-4FS-1.5-M12-4MR-PVC	RPC-M12-4FS-1.5-M12-4MR-OR
3.0m, 4poles	RPC-M12-4FS-3.0-M12-4MR-PUR	RPC-M12-4FS-3.0-M12-4MR-PVC	RPC-M12-4FS-3.0-M12-4MR-OR
5.0m, 4poles	RPC-M12-4FS-5.0-M12-4MR-PUR	RPC-M12-4FS-5.0-M12-4MR-PVC	RPC-M12-4FS-5.0-M12-4MR-OR
10m, 4poles	RPC-M12-4FS-10.0-M12-4MR-PUR	RPC-M12-4FS-10.0-M12-4MR-PVC	RPC-M12-4FS-10.0-M12-4MR-OR

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

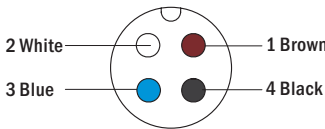
Connector data

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

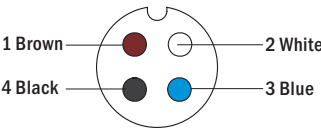
Cable data

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

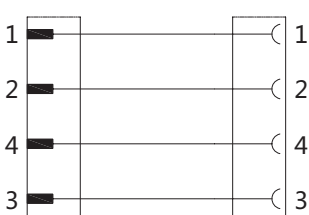
Assembly instruction



M12 Male, 4-pole
(A-coded)



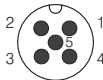
M12 Female, 4-pole
(A-coded)



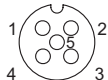
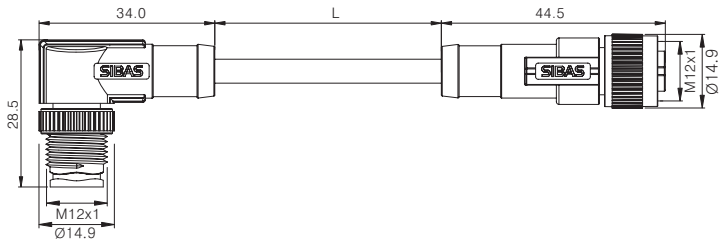
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

5poles



M12 Male, 5-pole
(A-coded)



M12 Female, 5-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 5poles	RPC-M12-5FS-1.5-M12-5MR-PUR	RPC-M12-5FS-1.5-M12-5MR-PVC	RPC-M12-5FS-1.5-M12-5MR-OR
3.0m, 5poles	RPC-M12-5FS-3.0-M12-5MR-PUR	RPC-M12-5FS-3.0-M12-5MR-PVC	RPC-M12-5FS-3.0-M12-5MR-OR
5.0m, 5poles	RPC-M12-5FS-5.0-M12-5MR-PUR	RPC-M12-5FS-5.0-M12-5MR-PVC	RPC-M12-5FS-5.0-M12-5MR-OR
10m, 5poles	RPC-M12-5FS-10.0-M12-5MR-PUR	RPC-M12-5FS-10.0-M12-5MR-PVC	RPC-M12-5FS-10.0-M12-5MR-OR

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

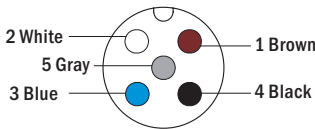
Connector data

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

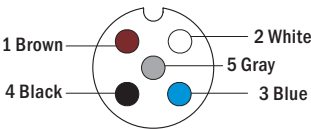
Cable data

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

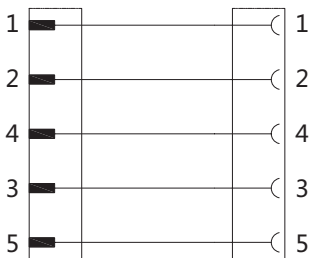
Assembly instruction



M12 Male, 5-pole
(A-coded)



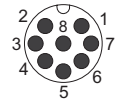
M12 Female, 5-pole
(A-coded)



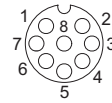
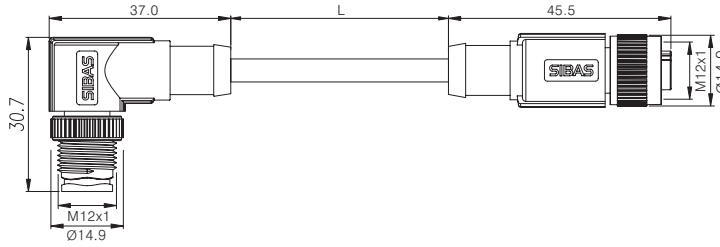
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

8poles



M12 Male, 8-pole
(A-coded)



M12 Female, 8-pole
(A-coded)

Description	PUR Cable	PVC Cable	Resistant to welding beads cable
Cable length	Type	Type	Type
1.5m, 8poles	RPC-M12-8FS-1.5-M12-8MR-PUR	RPC-M12-8FS-1.5-M12-8MR-PVC	RPC-M12-8FS-1.5-M12-8MR-OR
3.0m, 8poles	RPC-M12-8FS-3.0-M12-8MR-PUR	RPC-M12-8FS-3.0-M12-8MR-PVC	RPC-M12-8FS-3.0-M12-8MR-OR
5.0m, 8poles	RPC-M12-8FS-5.0-M12-8MR-PUR	RPC-M12-8FS-5.0-M12-8MR-PVC	RPC-M12-8FS-5.0-M12-8MR-OR
10m, 8poles	RPC-M12-8FS-10.0-M12-8MR-PUR	RPC-M12-8FS-10.0-M12-8MR-PVC	RPC-M12-8FS-10.0-M12-8MR-OR

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

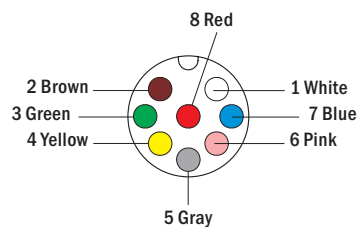
Connector data

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

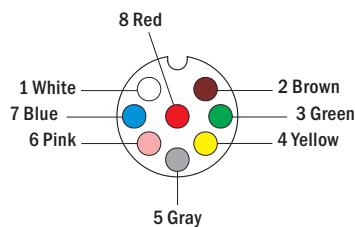
Cable data

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

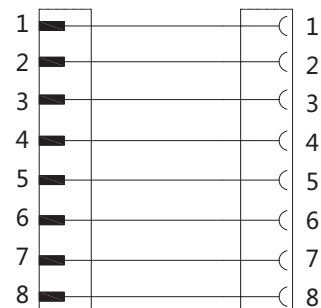
Assembly instruction



M12 Male, 8-pole
(A-coded)



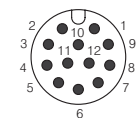
M12 Female, 8-pole
(A-coded)



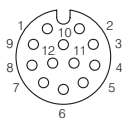
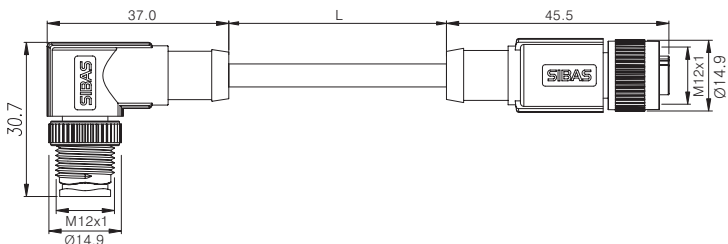
M12 Female Straight on Male Angled, Moulded

Description: Angled M12 plug on straight M12 socket

12poles



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)

Description	PUR Cable		PVC Cable		Resistant to welding beads cable	
Cable length	Type	Order No.	Type	Order No.	Type	Order No.
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

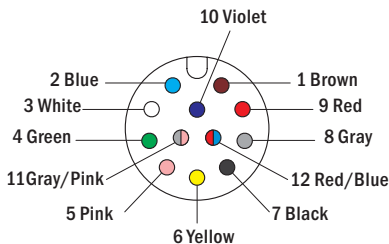
Connector data

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

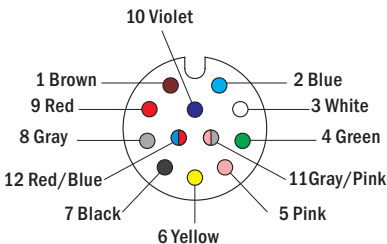
Cable data

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

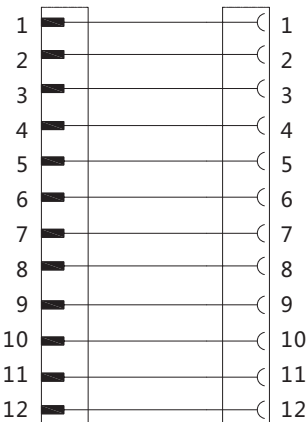
Assembly instruction



M12 Male, 12-pole
(A-coded)



M12 Female, 12-pole
(A-coded)



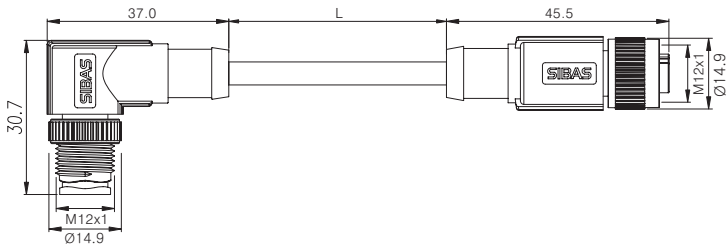
M12 Female Straight on Male Angled, Moulded, Shielded

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

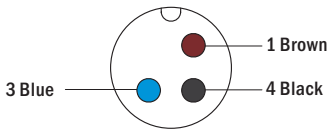
Connector data

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

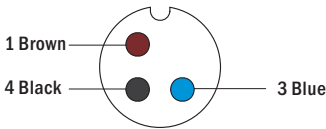
Cable data

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)



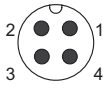
M12 Female, 3-pole
(A-coded)



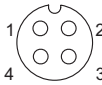
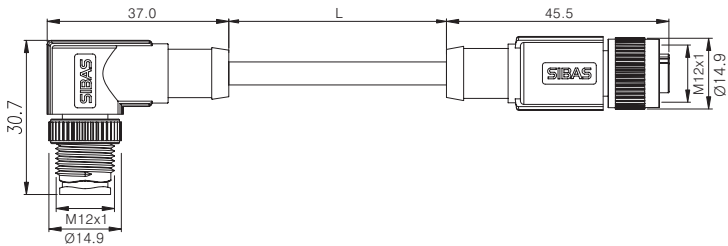
M12 Female Straight on Male Angled, Moulded, Shielded

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

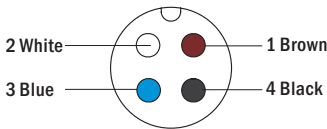
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	250V	250V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

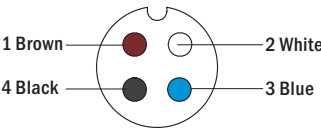
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

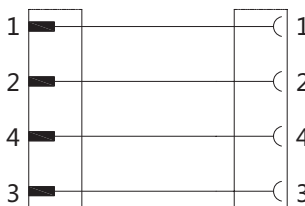
Assembly instruction



M12 Male, 4-pole
(A-coded)



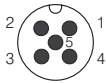
M12 Female, 4-pole
(A-coded)



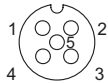
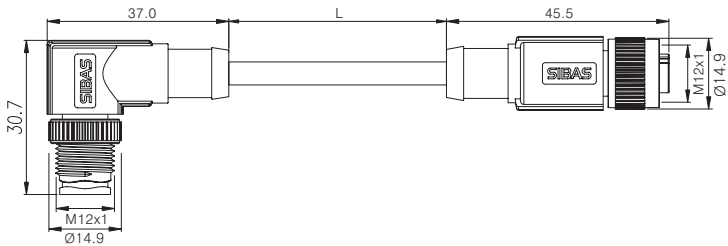
M12 Female Straight on Male Angled, Moulded, Shielded

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

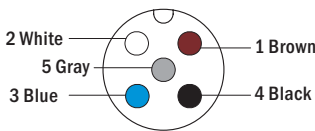
Technical data	PUR Cable	PVC Cable
Nominal current	4A	4A
Rated voltage	60V	60V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

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

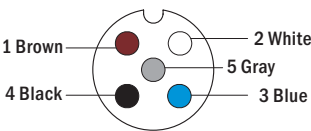
Connector data		
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

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

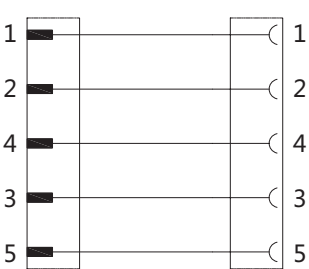
Assembly instruction



M12 Male, 5-pole
(A-coded)



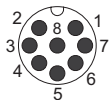
M12 Female, 5-pole
(A-coded)



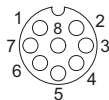
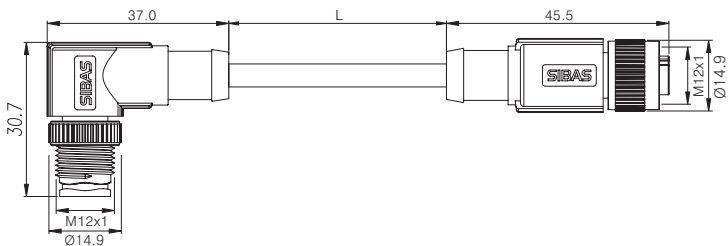
M12 Female Straight on Male Angled, Moulded, Shielded

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

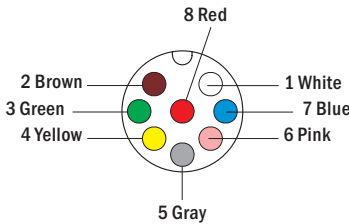
Technical data	PUR Cable	PVC Cable
Nominal current	2A	2A
Rated voltage	30V	30V
Contact resistance	≤5mΩ	≤5mΩ
Pollution degree	3	3
Degree of protection	IP65	IP65

Ambient temperature	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

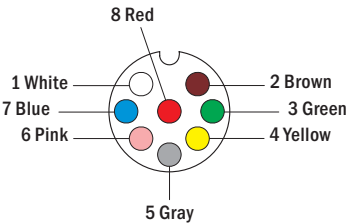
Connector data	PUR Cable	PVC Cable
Coding	A	A
Insulating material	PA/TPU	PA/TPU
Contact material	CuSn	CuSn
Contact surface material	Ni/Au	Ni/Au
Material of grip body	TPU	TPU

Cable data	PUR Cable	PVC Cable
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

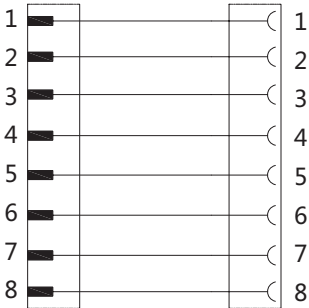
Assembly instruction



M12 Male, 8-pole
(A-coded)



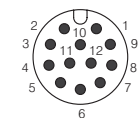
M12 Female, 8-pole
(A-coded)



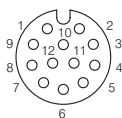
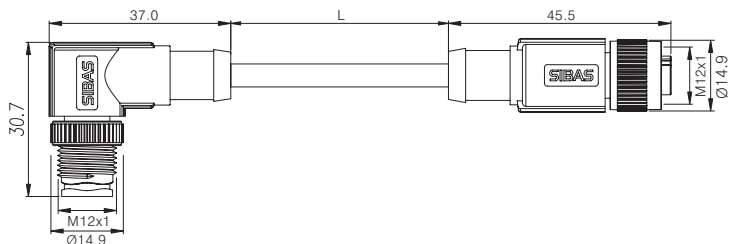
M12 Female Straight on Male Angled, Moulded, Shielded

Description: Angled M12 plug on straight M12 socket

12poles



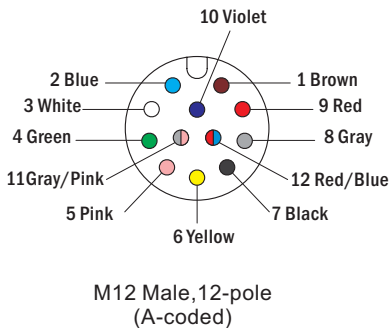
M12 Male, 12-pole
(A-coded)



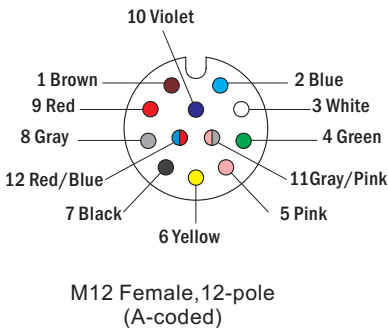
M12 Female, 12-pole
(A-coded)

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		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 Cable		PVC Cable	
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	

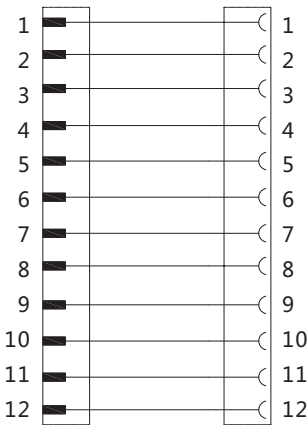
Assembly instruction



M12 Male, 12-pole
(A-coded)



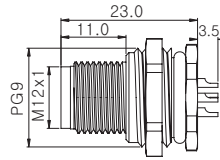
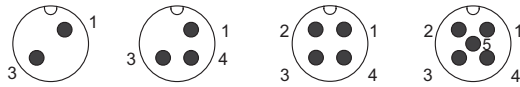
M12 Female, 12-pole
(A-coded)



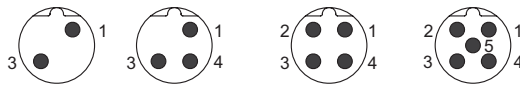
M12 base series

- 2,3,4,5,8,12 poles available
- Solder/Crimp
- 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

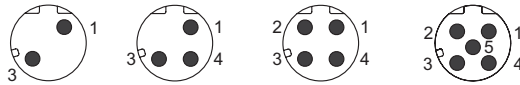


M12 Male Base, Solder wire, Front mounting, PG9 fastening thread
2,3,4,5 poles (Male, A-coded)


Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Front mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-MF-2CON-PG9-LA	4152120280	RPC-M12-MF-2CON-PG9-LAU	4152120284
	A	PG9	3-pole	RPC-M12-MF-3CON-PG9-LA	4152120380	RPC-M12-MF-3CON-PG9-LAU	4152120384
	A	PG9	4-pole	RPC-M12-MF-4CON-PG9-LA	4152120480	RPC-M12-MF-4CON-PG9-LAU	4152120484
	A	PG9	5-pole	RPC-M12-MF-5CON-PG9-LA	4152120580	RPC-M12-MF-5CON-PG9-LAU	4152120584

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


Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Front mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-MF-2CON-PG9-LA	4154120280	RPC-M12B-MF-2CON-PG9-LAU	4154120284
	B	PG9	3-pole	RPC-M12B-MF-3CON-PG9-LA	4154120380	RPC-M12B-MF-3CON-PG9-LAU	4154120384
	B	PG9	4-pole	RPC-M12B-MF-4CON-PG9-LA	4154120480	RPC-M12B-MF-4CON-PG9-LAU	4154120484
	B	PG9	5-pole	RPC-M12B-MF-5CON-PG9-LA	4154120580	RPC-M12B-MF-5CON-PG9-LAU	4154120584

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


Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Front mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-MF-2CON-PG9-LA	4155120280	RPC-M12D-MF-2CON-PG9-LAU	4155120284
	D	PG9	3-pole	RPC-M12D-MF-3CON-PG9-LA	4155120380	RPC-M12D-MF-3CON-PG9-LAU	4155120384
	D	PG9	4-pole	RPC-M12D-MF-4CON-PG9-LA	4155120480	RPC-M12D-MF-4CON-PG9-LAU	4155120484
	D	PG9	5-pole	RPC-M12D-MF-5CON-PG9-LA	4155120580	RPC-M12D-MF-5CON-PG9-LAU	4155120584

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

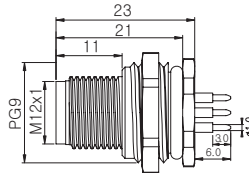
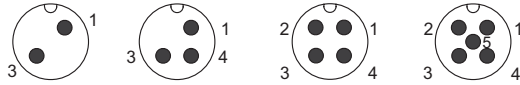
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Solder wire	Solder wire	Solder wire	Solder wire
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

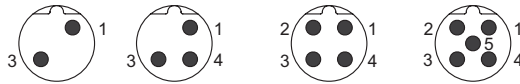
M12 Male Base, Straight Solder PCB, Front mounting, PG9 fastening thread

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



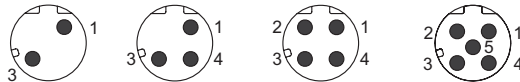
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Front mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-MF-2CON-PG9-LB	4152120240	RPC-M12-MF-2CON-PG9-LBU	4152120244
	A	PG9	3-pole	RPC-M12-MF-3CON-PG9-LB	4152120340	RPC-M12-MF-3CON-PG9-LBU	4152120344
	A	PG9	4-pole	RPC-M12-MF-4CON-PG9-LB	4152120440	RPC-M12-MF-4CON-PG9-LBU	4152120444
	A	PG9	5-pole	RPC-M12-MF-5CON-PG9-LB	4152120540	RPC-M12-MF-5CON-PG9-LBU	4152120544

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Front mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-MF-2CON-PG9-LB	4154120240	RPC-M12B-MF-2CON-PG9-LBU	4154120244
	B	PG9	3-pole	RPC-M12B-MF-3CON-PG9-LB	4154120340	RPC-M12B-MF-3CON-PG9-LBU	4154120344
	B	PG9	4-pole	RPC-M12B-MF-4CON-PG9-LB	4154120440	RPC-M12B-MF-4CON-PG9-LBU	4154120444
	B	PG9	5-pole	RPC-M12B-MF-5CON-PG9-LB	4154120540	RPC-M12B-MF-5CON-PG9-LBU	4154120544

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

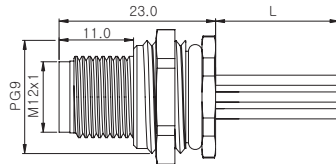
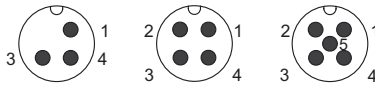


Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Front mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-MF-2CON-PG9-LB	4155120240	RPC-M12D-MF-2CON-PG9-LBU	4155120244
	D	PG9	3-pole	RPC-M12D-MF-3CON-PG9-LB	4155120340	RPC-M12D-MF-3CON-PG9-LBU	4155120344
	D	PG9	4-pole	RPC-M12D-MF-4CON-PG9-LB	4155120440	RPC-M12D-MF-4CON-PG9-LBU	4155120444
	D	PG9	5-pole	RPC-M12D-MF-5CON-PG9-LB	4155120540	RPC-M12D-MF-5CON-PG9-LBU	4155120544

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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB
Connector data				
Type of connection	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB

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

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



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Crimp 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 Crimp 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)



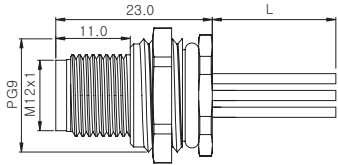
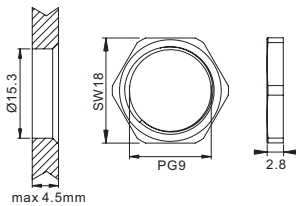
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Crimp Front mounting PG9 fastening Thread With wires	D	0.5m	3-pole	RPC-M12D-MF-3CON-PG9-0.5LA	4158031005
	D	1.5m	3-pole	RPC-M12D-MF-3CON-PG9-1.5LA	4158031015
	D	3.0m	3-pole	RPC-M12D-MF-3CON-PG9-3.0LA	4158031030
	D	0.5m	4-pole	RPC-M12D-MF-4CON-PG9-0.5LA	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 Series technical characteristics



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

Hole size



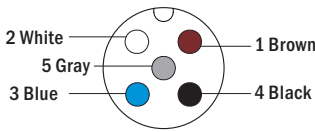
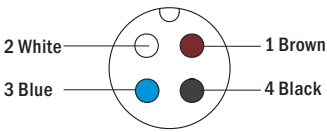
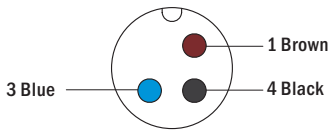
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C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

Mechanical data			
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

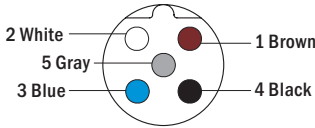
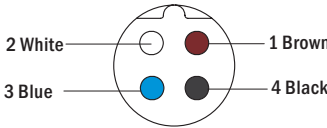
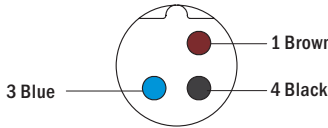
Connector data			
Type of connection	Crimp	Crimp	Crimp
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

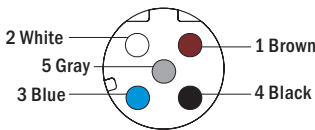
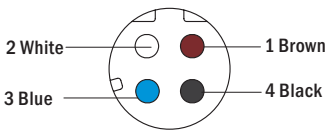
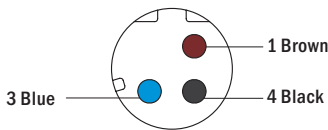
A-coded



B-coded

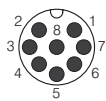


D-coded



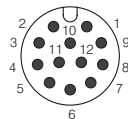
M12 Male Base Straight Solder PCB,Front mounting,PG9 fastening thread

8poles

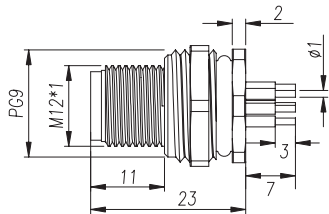


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug,Straight solder PCB,Front mounting,PG9 fastening Thread	A	PG9	8-pole	RPC-M12-MF-8CON-PG9-LA	4152120880	RPC-M12-MF-8CON-PG9-LAU	4152120884

Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug,Straight solder PCB,Front mounting,PG9 fastening Thread	A	PG9	12-pole	RPC-M12-MF-12CON-PG9-LA	4152121280	RPC-M12-MF-12CON-PG9-LAU	4152121284

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℃

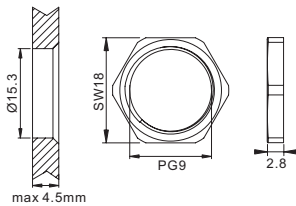
Mechanical data

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

Connector data

Type of connection	Straight solder PCB	Straight solder PCB
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Assembly instruction



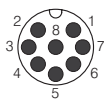
Hole size

M12 Series



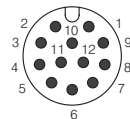
M12 Male Base,Crimp,Front mounting,PG9 fastening thread,With wires

8poles

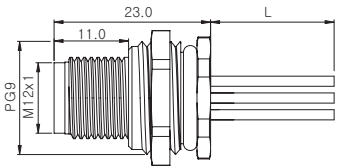


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug 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

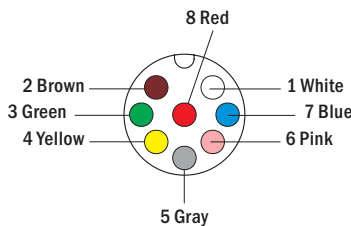
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Front mounting PG9 fastening Thread, With wires	A	0.5m	12-pole	RPC-M12-MF-12CON-PG9-0.5LA	4158126005
	A	1.5m	12-pole	RPC-M12-MF-12CON-PG9-1.5LA	4158126015
	A	3.0m	12-pole	RPC-M12-MF-12CON-PG9-3.0LA	4158126030

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

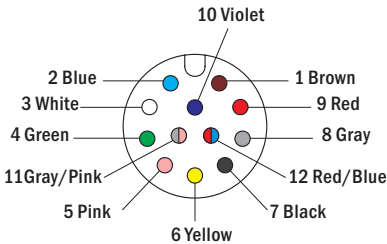
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB

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

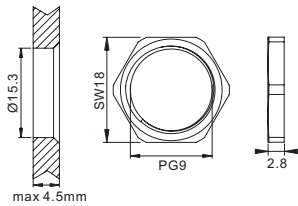
Assembly instruction



8poles



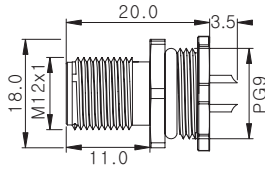
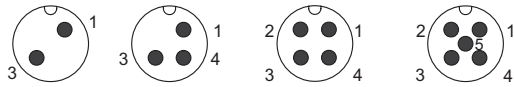
12poles



Hole size

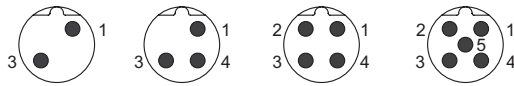
M12 Male Base, Solder wire, Rear mounting, PG9 fastening thread

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



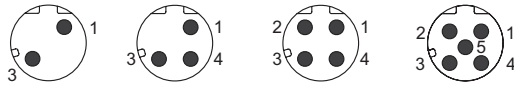
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Rear mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-MB-2CON-PG9-LA	4142120280	RPC-M12-MB-2CON-PG9-LAU	4142120284
	A	PG9	3-pole	RPC-M12-MB-3CON-PG9-LA	4142120380	RPC-M12-MB-3CON-PG9-LAU	4142120384
	A	PG9	4-pole	RPC-M12-MB-4CON-PG9-LA	4142120480	RPC-M12-MB-4CON-PG9-LAU	4142120484
	A	PG9	5-pole	RPC-M12-MB-5CON-PG9-LA	4142120580	RPC-M12-MB-5CON-PG9-LAU	4142120584

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Rear mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-MB-2CON-PG9-LA	4144120280	RPC-M12B-MB-2CON-PG9-LAU	4144120284
	B	PG9	3-pole	RPC-M12B-MB-3CON-PG9-LA	4144120380	RPC-M12B-MB-3CON-PG9-LAU	4144120384
	B	PG9	4-pole	RPC-M12B-MB-4CON-PG9-LA	4144120480	RPC-M12B-MB-4CON-PG9-LAU	4144120484
	B	PG9	5-pole	RPC-M12B-MB-5CON-PG9-LA	4144120580	RPC-M12B-MB-5CON-PG9-LAU	4144120584

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Solder wire Rear mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-MB-2CON-PG9-LA	4145120280	RPC-M12D-MB-2CON-PG9-LAU	4145120284
	D	PG9	3-pole	RPC-M12D-MB-3CON-PG9-LA	4145120380	RPC-M12D-MB-3CON-PG9-LAU	4145120384
	D	PG9	4-pole	RPC-M12D-MB-4CON-PG9-LA	4145120480	RPC-M12D-MB-4CON-PG9-LAU	4145120484
	D	PG9	5-pole	RPC-M12D-MB-5CON-PG9-LA	4145120580	RPC-M12D-MB-5CON-PG9-LAU	4145120584

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

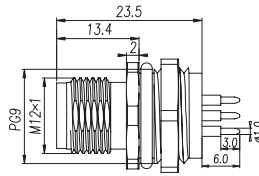
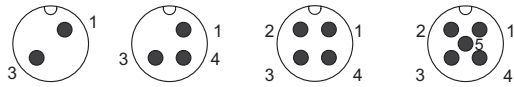
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

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

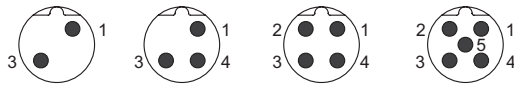
M12 Male Base, Straight Solder PCB, Rear mounting, PG9 fastening thread

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



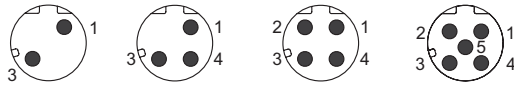
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Rear mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-MB-2CON-PG9-LB	4142120240	RPC-M12-MB-2CON-PG9-LBU	4142120244
	A	PG9	3-pole	RPC-M12-MB-3CON-PG9-LB	4142120340	RPC-M12-MB-3CON-PG9-LBU	4142120344
	A	PG9	4-pole	RPC-M12-MB-4CON-PG9-LB	4142120440	RPC-M12-MB-4CON-PG9-LBU	4142120444
	A	PG9	5-pole	RPC-M12-MB-5CON-PG9-LB	4142120540	RPC-M12-MB-5CON-PG9-LBU	4142120544

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Rear mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-MB-2CON-PG9-LB	4144120240	RPC-M12B-MB-2CON-PG9-LBU	4144120244
	B	PG9	3-pole	RPC-M12B-MB-3CON-PG9-LB	4144120340	RPC-M12B-MB-3CON-PG9-LBU	4144120344
	B	PG9	4-pole	RPC-M12B-MB-4CON-PG9-LB	4144120440	RPC-M12B-MB-4CON-PG9-LBU	4144120444
	B	PG9	5-pole	RPC-M12B-MB-5CON-PG9-LB	4144120540	RPC-M12B-MB-5CON-PG9-LBU	4144120544

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

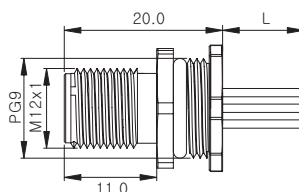


Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug Straight Solder PCB Rear mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-MB-2CON-PG9-LB	4145120240	RPC-M12D-MB-2CON-PG9-LBU	4145120244
	D	PG9	3-pole	RPC-M12D-MB-3CON-PG9-LB	4145120340	RPC-M12D-MB-3CON-PG9-LBU	4145120344
	D	PG9	4-pole	RPC-M12D-MB-4CON-PG9-LB	4145120440	RPC-M12D-MB-4CON-PG9-LBU	4145120444
	D	PG9	5-pole	RPC-M12D-MB-5CON-PG9-LB	4145120540	RPC-M12D-MB-5CON-PG9-LBU	4145120544

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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB
Connector data				
Type of connection	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB

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SIBAS

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



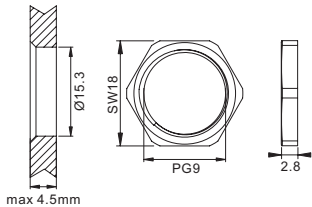
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Crimp	A	0.5m	3-pole	RPC-M12-MB-3CON-PG9-0.5LA	4148036005
	A	1.5m	3-pole	RPC-M12-MB-3CON-PG9-1.5LA	4148036015
	A	3.0m	3-pole	RPC-M12-MB-3CON-PG9-3.0LA	4148036030
Rear mounting	A	0.5m	4-pole	RPC-M12-MB-4CON-PG9-0.5LA	4148046005
PG9 fastening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

Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug	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
Crimp	B	3.0m	3-pole	RPC-M12B-MB-3CON-PG9-3.0LA	4148030030
Rear mounting	B	0.5m	4-pole	RPC-M12B-MB-4CON-PG9-0.5LA	4148040005
PG9 fastening Thread With wires	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

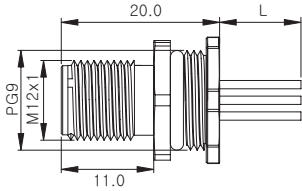
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Crimp Rear mounting PG9 fastening Thread With wires	D	0.5m	3-pole	RPC-M12D-MB-3CON-PG9-0.5LA	4148031005
	D	1.5m	3-pole	RPC-M12D-MB-3CON-PG9-1.5LA	4148031015
	D	3.0m	3-pole	RPC-M12D-MB-3CON-PG9-3.0LA	4148031030
	D	0.5m	4-pole	RPC-M12D-MB-4CON-PG9-0.5LA	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 Series technical characteristics

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



Hole size



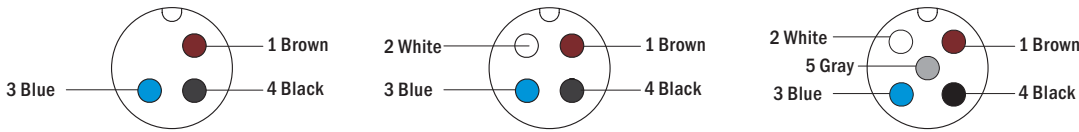
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB

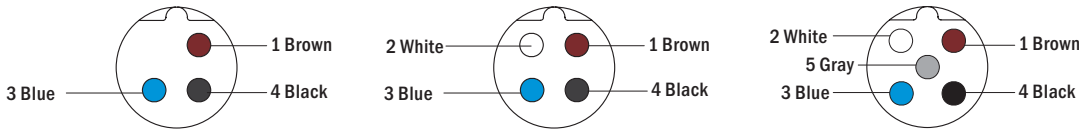
Connector data			
Type of connection	Crimp	Crimp	Crimp
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

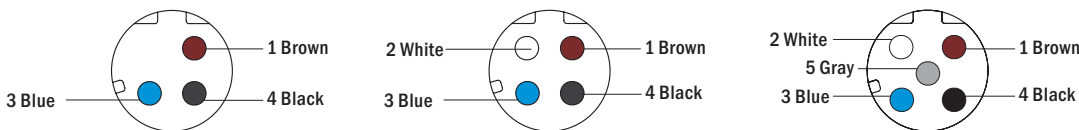
A-coded



B-coded

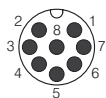


D-coded



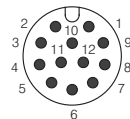
M12 Male Base Straight Solder PCB,Rear mounting,PG9 fastening thread

8poles

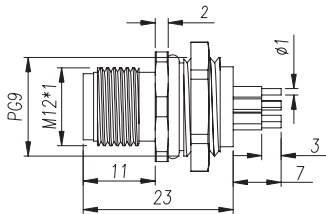


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug,Straight Solder PCB,Rear mounting PG9 fastening Thread,With wires	A	PG9	8-pole	RPC-M12-MB-8CON-PG9-LA	4142120880	RPC-M12-MB-8CON-PG9-LAU	41421208804

Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Plug,Straight Solder PCB,Rear mounting PG9 fastening Thread,With wires	A	PG9	12-pole	RPC-M12-MB-12CON-PG9-LA	4142121280	RPC-M12-MB-12CON-PG9-LAU	4142121284

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

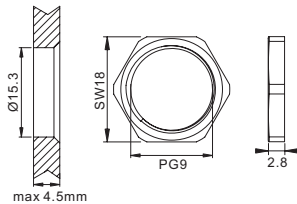
Mechanical data

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

Connector data

Type of connection	Straight Solder PCB	Straight Solder PCB
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Assembly instruction



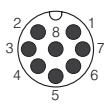
Hole size

M12 Series



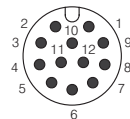
M12 Male Base,Solder,Rear mounting,PG9 fastening thread,With wires

8poles

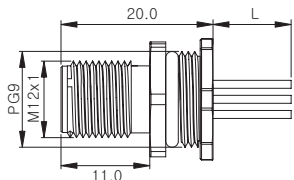


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Crimp 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,Solder 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℃

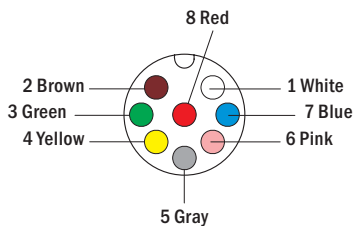
Mechanical data

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

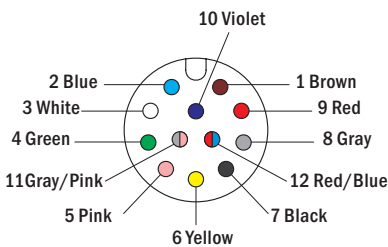
Connector data

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

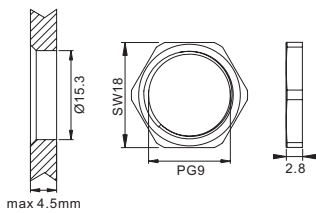
Assembly instruction



8poles



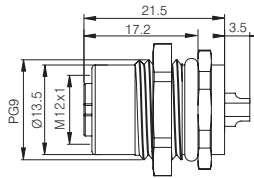
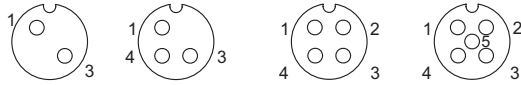
12poles



Hole size

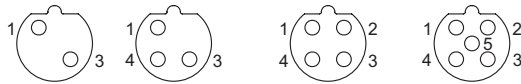
M12 Female Base, Solder wire, Front mounting, PG9 fastening thread

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



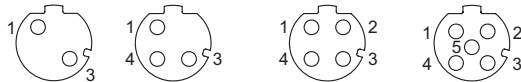
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Solder wire Front mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-FF-2CON-PG9-LA	4152120290	RPC-M12-FF-2CON-PG9-LAU	4152120294
	A	PG9	3-pole	RPC-M12-FF-3CON-PG9-LA	4152120390	RPC-M12-FF-3CON-PG9-LAU	4152120394
	A	PG9	4-pole	RPC-M12-FF-4CON-PG9-LA	4152120490	RPC-M12-FF-4CON-PG9-LAU	4152120494
	A	PG9	5-pole	RPC-M12-FF-5CON-PG9-LA	4152120590	RPC-M12-FF-5CON-PG9-LAU	4152120594

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Solder wire Front mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-FF-2CON-PG9-LA	4154120290	RPC-M12B-FF-2CON-PG9-LAU	4154120294
	B	PG9	3-pole	RPC-M12B-FF-3CON-PG9-LA	4154120390	RPC-M12B-FF-3CON-PG9-LAU	4154120394
	B	PG9	4-pole	RPC-M12B-FF-4CON-PG9-LA	4154120490	RPC-M12B-FF-4CON-PG9-LAU	4154120494
	B	PG9	5-pole	RPC-M12B-FF-5CON-PG9-LA	4154120590	RPC-M12B-FF-5CON-PG9-LAU	4154120594

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Solder wire Front mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-FF-2CON-PG9-LA	4155120290	RPC-M12D-FF-2CON-PG9-LAU	4155120294
	D	PG9	3-pole	RPC-M12D-FF-3CON-PG9-LA	4155120390	RPC-M12D-FF-3CON-PG9-LAU	4155120394
	D	PG9	4-pole	RPC-M12D-FF-4CON-PG9-LA	4155120490	RPC-M12D-FF-4CON-PG9-LAU	4155120494
	D	PG9	5-pole	RPC-M12D-FF-5CON-PG9-LA	4155120590	RPC-M12D-FF-5CON-PG9-LAU	4155120594

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

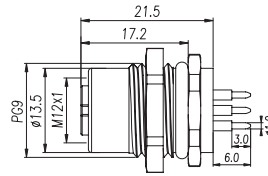
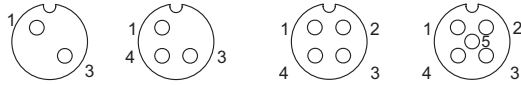
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Solder wire	Solder wire	Solder wire	Solder wire
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

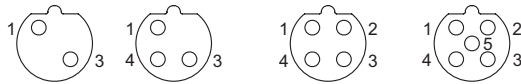
M12 Female Base, Straight Solder PCB, Front mounting, PG9 fastening thread

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



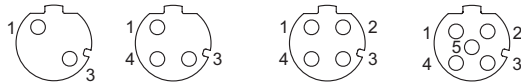
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Straight Solder PCB Front mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-FF-2CON-PG9-LB	4152120240	RPC-M12-FF-2CON-PG9-LBU	4152120244
	A	PG9	3-pole	RPC-M12-FF-3CON-PG9-LB	4152120340	RPC-M12-FF-3CON-PG9-LBU	4152120344
	A	PG9	4-pole	RPC-M12-FF-4CON-PG9-LB	4152120440	RPC-M12-FF-4CON-PG9-LBU	4152120444
	A	PG9	5-pole	RPC-M12-FF-5CON-PG9-LB	4152120540	RPC-M12-FF-5CON-PG9-LBU	4152120544

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Straight Solder PCB Front mounting PG9 fastening thread	B	PG9	2-pole	RPC-M12B-FF-2CON-PG9-LA	4154120240	RPC-M12B-FF-2CON-PG9-LBU	4154120244
	B	PG9	3-pole	RPC-M12B-FF-3CON-PG9-LA	4154120340	RPC-M12B-FF-3CON-PG9-LBU	4154120344
	B	PG9	4-pole	RPC-M12B-FF-4CON-PG9-LA	4154120440	RPC-M12B-FF-4CON-PG9-LBU	4154120444
	B	PG9	5-pole	RPC-M12B-FF-5CON-PG9-LA	4154120540	RPC-M12B-FF-5CON-PG9-LBU	4154120544

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Straight Solder PCB Front mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-FF-2CON-PG9-LB	4155120240	RPC-M12D-FF-2CON-PG9-LBU	4155120244
	D	PG9	3-pole	RPC-M12D-FF-3CON-PG9-LB	4155120340	RPC-M12D-FF-3CON-PG9-LBU	4155120344
	D	PG9	4-pole	RPC-M12D-FF-4CON-PG9-LB	4155120440	RPC-M12D-FF-4CON-PG9-LBU	4155120444
	D	PG9	5-pole	RPC-M12D-FF-5CON-PG9-LB	4155120540	RPC-M12D-FF-5CON-PG9-LBU	4155120544

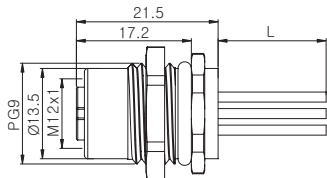
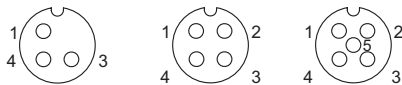
Technical data	2-pole	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A	4A
Rated voltage	250V	250V	250V	60V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation 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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data				
Type of connection	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB

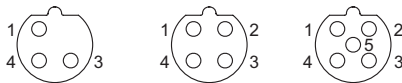
M12 Female Base,Crimp,Front mounting,PG9 fastening thread,With wires

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



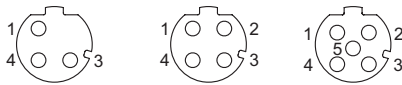
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Front mounting PG9 fastning Thread With wire	A	0.5m	3-pole	RPC-M12-FF-3CON-PG9-0.5LA	4158037005
	A	1.5m	3-pole	RPC-M12-FF-3CON-PG9-1.5LA	4158037015
	A	3.0m	3-pole	RPC-M12-FF-3CON-PG9-3.0LA	4158037030
	A	0.5m	4-pole	RPC-M12-FF-4CON-PG9-0.5LA	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 Crimp 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)

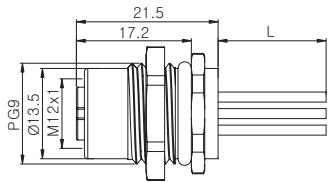
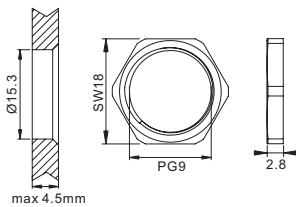


Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Front mounting PG9 fastning Thread With wire	D	0.5m	3-pole	RPC-M12D-FF-3CON-PG9-0.5LA	4158031005
	D	1.5m	3-pole	RPC-M12D-FF-3CON-PG9-1.5LA	4158031015
	D	3.0m	3-pole	RPC-M12D-FF-3CON-PG9-3.0LA	4158031030
	D	0.5m	4-pole	RPC-M12D-FF-4CON-PG9-0.5LA	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 Series technical characteristics



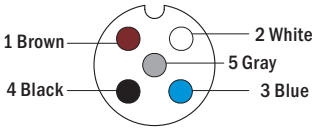
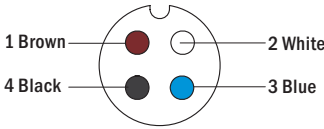
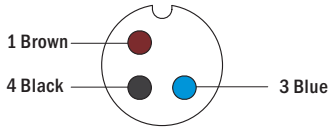
M12 Female Base,Crimp,Front mounting,PG9 fastening thread,With wires



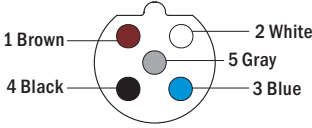
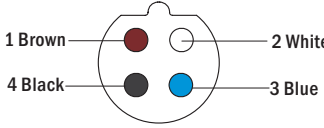
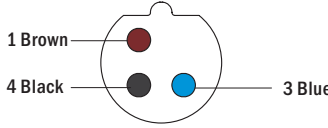
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB
Connector data			
Type of connection	Crimp	Crimp	Crimp
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

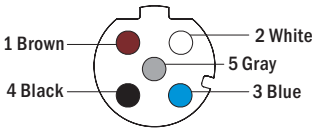
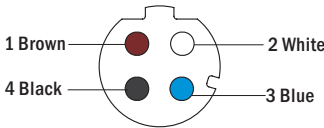
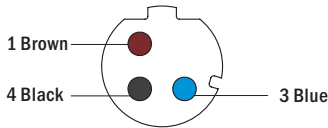
A-coded



B-coded

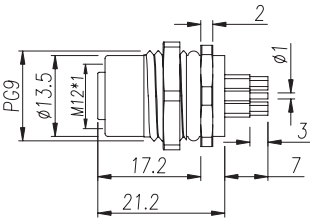
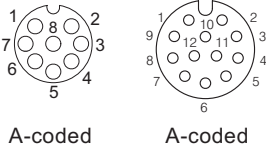


D-coded



M12 Female Base, Straight, Solder PCB, Front mounting, PG9 fastening thread

8poles 12poles



Description	Coding	Screw type	Contacts	Type(Ag)	Order No. (Ag)	Type(Au)	Order No. (Au)
M12X1 Plug, Straight Solder PCB, Front mounting, PG9 fastening Thread, With wires	A	PG9	8-pole	RPC-M12-FF-8CON-PG9-LA	4152120890	RPC-M12-FF-8CON-PG9-LAU	4152120894

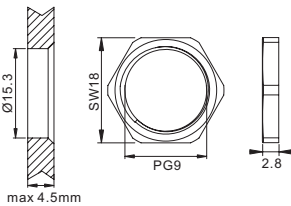
Description	Coding	Screw type	Contacts	Type(Ag)	Order No. (Ag)	Type(Au)	Order No. (Au)
M12X1 Plug, Straight Solder PCB, Front mounting, PG9 fastening Thread, With wires	A	PG9	12-pole	RPC-M12-FF-12CON-PG9-LA	4152121290	RPC-M12-FF-12CON-PG9-LAU	4152121294

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/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Straight solder PCB	Straight solder PCB

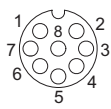
Assembly instruction



Hole size

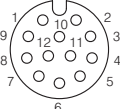
M12 Female Base,Solder,Front mounting,PG9 fastening thread,With wires

8poles

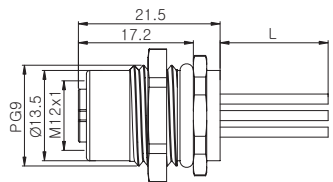


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug, 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

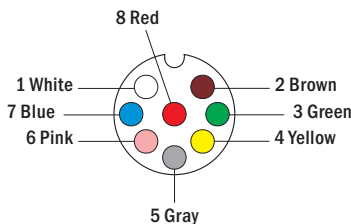
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug, Front mounting PG9 fastening Thread, With wires	A	0.5m	12-pole	RPC-M12-FF-8CON-PG9-0.5LA	4155127005
	A	1.5m	12-pole	RPC-M12-FF-8CON-PG9-1.5LA	4155127015
	A	3.0m	12-pole	RPC-M12-FF-8CON-PG9-3.0LA	4155127030

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

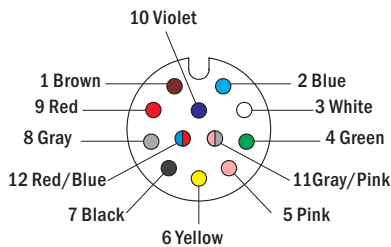
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB

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

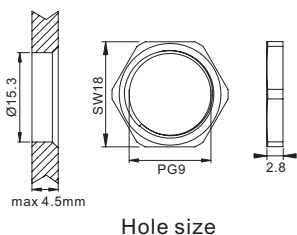
Assembly instruction



8poles



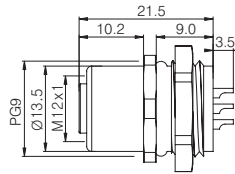
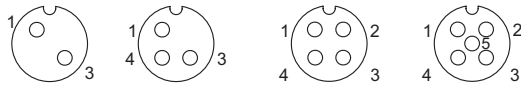
12poles



Hole size

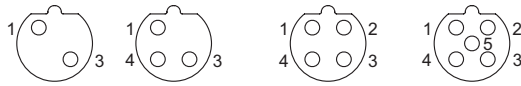
M12 Female Base, Solder wire Rear mounting, PG9 fastening thread

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



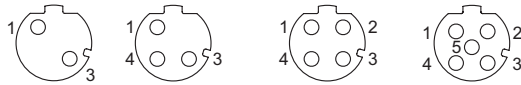
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Solder wire Rear mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-FB-2CON-PG9-LA	4142120290	RPC-M12-FB-2CON-PG9-LA	4142120290
	A	PG9	3-pole	RPC-M12-FB-3CON-PG9-LA	4142120390	RPC-M12-FB-3CON-PG9-LA	4142120390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

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



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

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket Solder wire Rear mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-FB-2CON-PG9-LA	4145120290	RPC-M12D-FB-2CON-PG9-LA	4145120290
	D	PG9	3-pole	RPC-M12D-FB-3CON-PG9-LA	4145120390	RPC-M12D-FB-3CON-PG9-LA	4145120390
	D	PG9	4-pole	RPC-M12D-FB-4CON-PG9-LA	4145120490	RPC-M12D-FB-4CON-PG9-LA	4145120490
	D	PG9	5-pole	RPC-M12D-FB-5CON-PG9-LA	4145120590	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/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

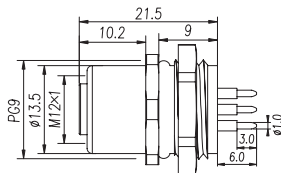
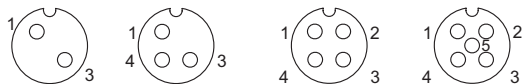
Type of connection	Solder	Solder	Solder	Solder
Connection cross-section min./max.	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²	0.25mm ² /0.75mm ²
Connection cross-section AWG min./max.	24/18	24/18	24/18	24/18

M12 Series



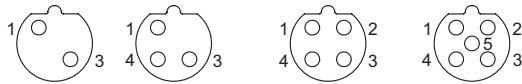
M12 Female Base, Straight Solder PCB, Rear mounting, PG9 fastening thread

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



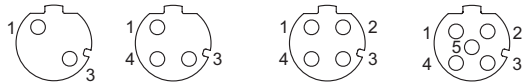
Description	Coding	Screw type	Contacts	Type (Ag)	Order No. (Ag)	Type (Au)	Order No. (Au)
M12X1 Socket Straight Solder PCB Rear mounting PG9 fastening thread	A	PG9	2-pole	RPC-M12-FB-2CON-PG9-LB	4142120240	RPC-M12-FB-2CON-PG9-LBU	4142120244
	A	PG9	3-pole	RPC-M12-FB-3CON-PG9-LB	4142120340	RPC-M12-FB-3CON-PG9-LBU	4142120344
	A	PG9	4-pole	RPC-M12-FB-4CON-PG9-LB	4142120440	RPC-M12-FB-4CON-PG9-LBU	4142120444
	A	PG9	5-pole	RPC-M12-FB-5CON-PG9-LB	4142120540	RPC-M12-FB-5CON-PG9-LBU	4142120544

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



Description	Coding	Screw type	Contacts	Type (Ag)	Order No. (Ag)	Type (Au)	Order No. (Au)
M12X1 Socket Straight Solder PCB Rear mounting PG9 fastening thread	B	Pg9	2-pole	RPC-M12B-FB-2CON-PG9-LB	4144120240	RPC-M12B-FB-2CON-PG9-LBU	4144120244
	B	PG9	3-pole	RPC-M12B-FB-3CON-PG9-LB	4144120340	RPC-M12B-FB-3CON-PG9-LBU	4144120344
	B	PG9	4-pole	RPC-M12B-FB-4CON-PG9-LB	4144120440	RPC-M12B-FB-4CON-PG9-LBU	4144120444
	B	PG9	5-pole	RPC-M12B-FB-5CON-PG9-LB	4144120540	RPC-M12B-FB-5CON-PG9-LBU	4144120544

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



Description	Coding	Screw type	Contacts	Type (Ag)	Order No. (Ag)	Type (Au)	Order No. (Au)
M12X1 Socket Straight Solder PCB Rear mounting PG9 fastening thread	D	PG9	2-pole	RPC-M12D-FB-2CON-PG9-LB	4145120240	RPC-M12D-FB-2CON-PG9-LBU	4145120244
	D	PG9	3-pole	RPC-M12D-FB-3CON-PG9-LB	4145120340	RPC-M12D-FB-3CON-PG9-LBU	4145120344
	D	PG9	4-pole	RPC-M12D-FB-4CON-PG9-LB	4145120440	RPC-M12D-FB-4CON-PG9-LBU	4145120444
	D	PG9	5-pole	RPC-M12D-FB-5CON-PG9-LB	4145120540	RPC-M12D-FB-5CON-PG9-LBU	4145120544

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

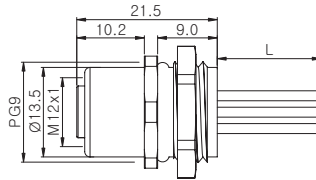
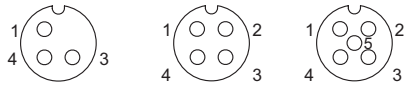
Coding	A/B/D	A/B/D	A/B/D	A/B/D
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/AU	Cu Zn/Ag	Cu Zn/Ag	Cu Zn/Ag
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data

Type of connection	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB	Straight Solder PCB
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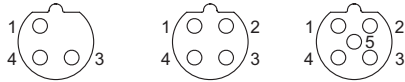
M12 Female Base,Crimp,Rear mounting,PG9 fastening thread,With wires

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



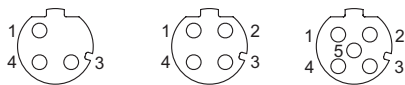
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Rear mounting PG9 fastning Thread With wire	A	0.5m	3-pole	RPC-M12-FB-3CON-PG9-0.5LA	4148037005
	A	1.5m	3-pole	RPC-M12-FB-3CON-PG9-1.5LA	4148037015
	A	3.0m	3-pole	RPC-M12-FB-3CON-PG9-3.0LA	4148037030
	A	0.5m	4-pole	RPC-M12-FB-4CON-PG9-0.5LA	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 Crimp 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)

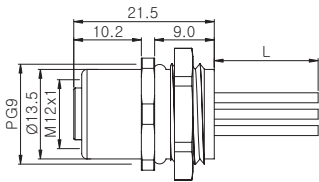
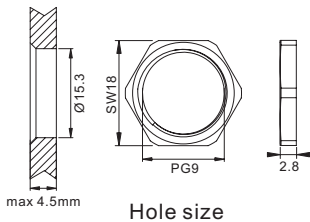


Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Rear mounting PG9 fastning Thread With wire	D	0.5m	3-pole	RPC-M12D-FB-3CON-PG9-0.5LA	4148031005
	D	1.5m	3-pole	RPC-M12D-FB-3CON-PG9-1.5LA	4148031015
	D	3.0m	3-pole	RPC-M12D-FB-3CON-PG9-3.0LA	4148031030
	D	0.5m	4-pole	RPC-M12D-FB-4CON-PG9-0.5LA	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 Series technical characteristics



M12 Female Base,Crimp,Rear mounting,PG9 fastening thread,With wires



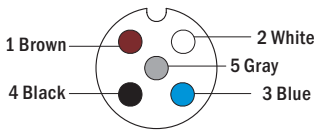
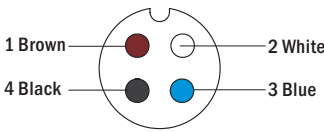
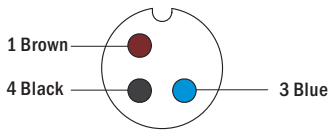
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB

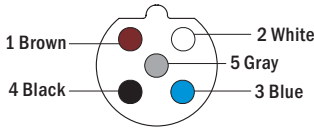
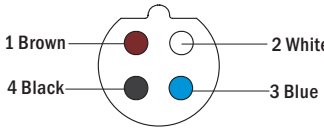
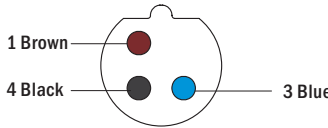
Connector data			
Type of connection	Crimp	Crimp	Crimp
Wire Type	TPE litz wire	TPE litz wire	TPE litz wire
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

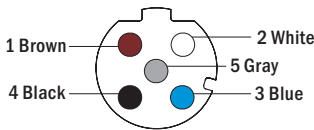
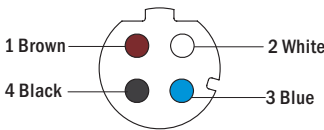
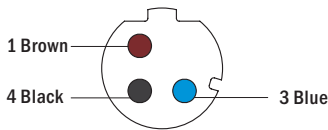
A-coded



B-coded



D-coded

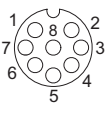


M12 Series



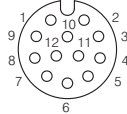
M12 Female Base, Straight Solder PCB, Rear mounting, PG9 fastening thread

8poles

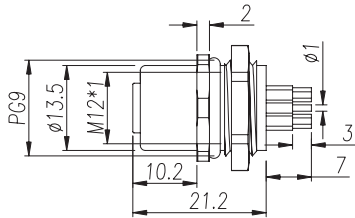


A-coded

12poles



A-coded



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket, Straight Solder PCB, Rear mounting, PG9 fastening Thread, With wires	A	PG9	8-pole	RPC-M12-FB-8CON-PG9-LA	4142120890	RPC-M12-FB-8CON-PG9-LAU	4142120894

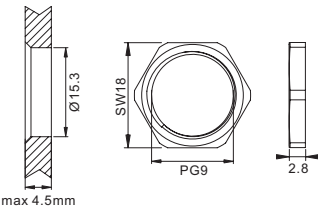
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 Socket, Straight Solder PCB, Rear mounting, PG9 fastening Thread, With wires	A	PG9	12-pole	RPC-M12-FB-8CON-PG9-0.5LA	4142121290	RPC-M12-FB-8CON-PG9-0.5LAU	4142121294

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/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB

Connector data		
Type of connection	Straight Solder PCB	Straight Solder PCB

Assembly instruction



Hole size

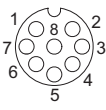
M12 Series

M12 Series



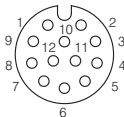
M12 Female Base,Solder,Rear mounting,PG9 fastening thread,With wires

8poles

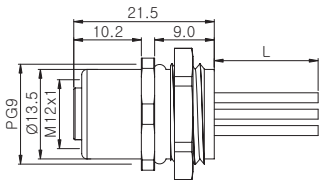


A-coded

12poles



A-coded



Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Solder 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

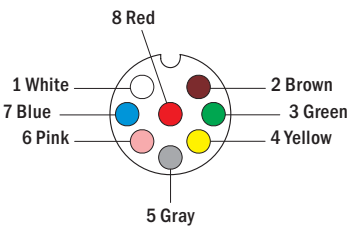
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Solder Rear mounting PG9 fastening Thread, With wires	A	0.5m	8-pole	RPC-M12-FB-8CON-PG9-0.5LA	4148127005
	A	1.5m	8-pole	RPC-M12-FB-8CON-PG9-1.5LA	4148127015
	A	3.0m	8-pole	RPC-M12-FB-8CON-PG9-3.0LA	4148127030

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℃

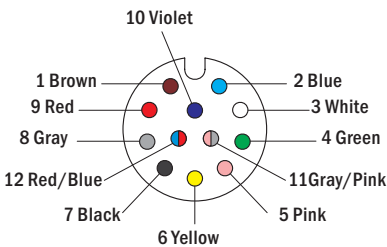
Mechanical data		
Coding	A	A
Contact carrier material	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB

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

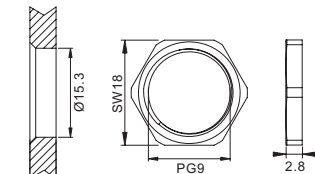
Assembly instruction



8poles



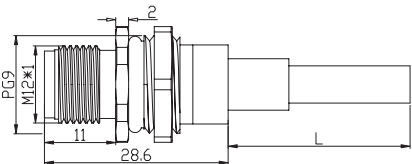
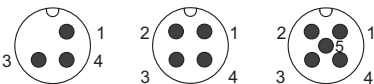
12poles



Hole size

M12 Male Base,Crimp,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 Crimp 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)



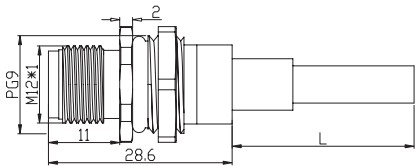
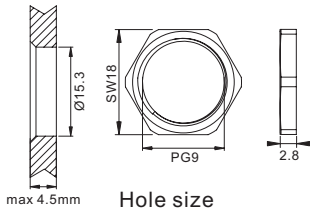
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug Crimp Rear mounting PG9 fastening Thread With Shielded cable	B	0.5m	3-pole	RPC-M12B-MB-3CON-PG9-0.5LH	4147030005
	B	1.5m	3-pole	RPC-M12B-MB-3CON-PG9-1.5LH	4147030015
	B	3.0m	3-pole	RPC-M12B-MB-3CON-PG9-3.0LH	4147030030
	B	0.5m	4-pole	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 Crimp 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,Crimp,Rear mounting,PG9 fastening thread,With Shielded cable



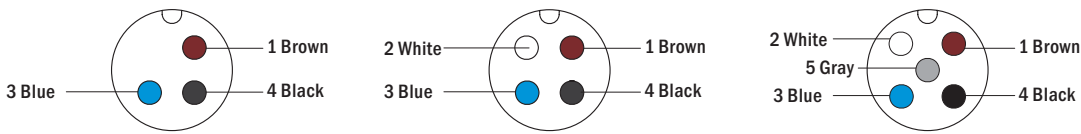
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-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/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB

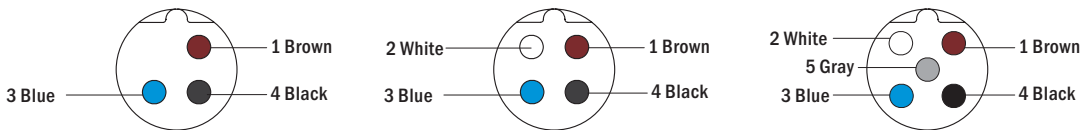
Connector data			
Type of connection	Crimp	Crimp	Crimp
Wire Type	PVC/PUR	PVC/PUR	PVC/PUR
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

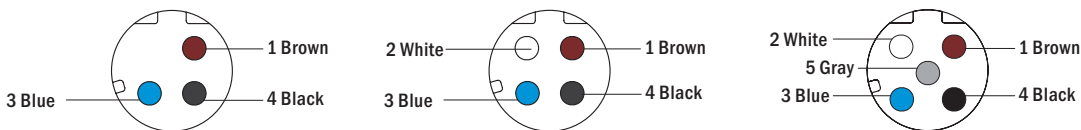
A-coded



B-coded

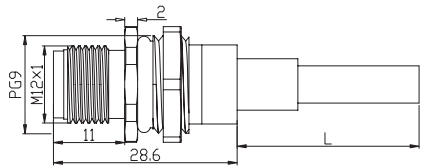


D-coded



M12 Male Base,Crimp,Rear mounting,PG9 fastening thread,With Bus cable

2 poles(Male,B-coded)



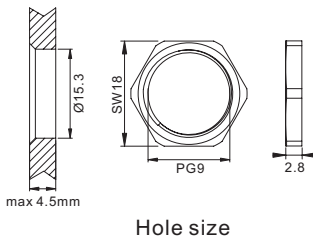
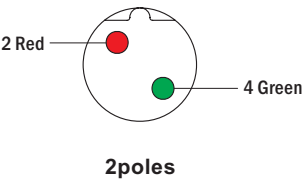
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Solder Rear mounting PG9 fastening Thread, Bus cable	B	0.5m	2-pole	RPC-M12B-MB-2CON-PG9-0.5LH	4150020005
	B	1.5m	2-pole	RPC-M12B-MB-2CON-PG9-1.5LH	4150020015
	B	3.0m	2-pole	RPC-M12B-MB-2CON-PG9-3.0LH	4150020030

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

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

Connector data	
Type of connection	Crimp
Cable Type	Bus cable
Connection cross-section	0.25mm ²
Connection cross-section AWG	24

Assembly instruction

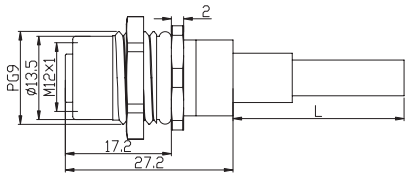
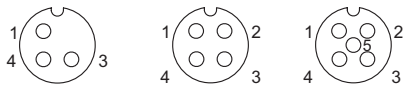


M12 technical characteristics



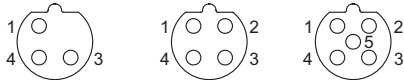
M12 Female Base,Crimp,Front mounting,PG9 fastening thread,With Shielded cable

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



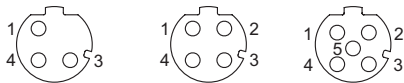
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Front mounting PG9 fastning Thread With Shielded cable	A	0.5m	3-pole	RPC-M12-FF-3CON-PG9-0.5LH	4157037005
	A	1.5m	3-pole	RPC-M12-FF-3CON-PG9-1.5LH	4157037015
	A	3.0m	3-pole	RPC-M12-FF-3CON-PG9-3.0LH	4157037030
	A	0.5m	4-pole	RPC-M12-FF-4CON-PG9-0.5LH	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)



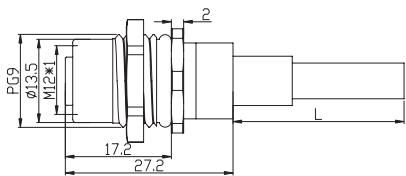
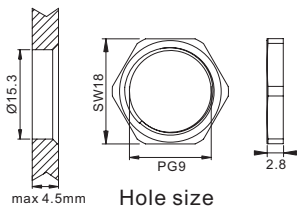
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Socket Crimp Front mounting PG9 fastning Thread With Shielded cable	B	0.5m	3-pole	RPC-M12B-FF-3CON-PG9-0.5LH	4157032005
	B	1.5m	3-pole	RPC-M12B-FF-3CON-PG9-1.5LH	4157032015
	B	3.0m	3-pole	RPC-M12B-FF-3CON-PG9-3.0LH	4157032030
	B	0.5m	4-pole	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 Crimp 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,Crimp,Front mounting,PG9 fastening thread,With Shielded cable



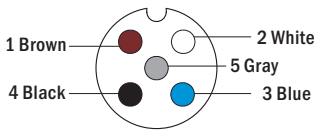
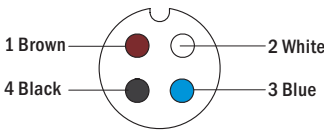
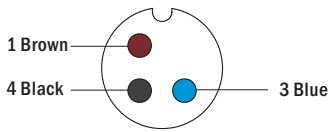
Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	250V	250V	60V
Over voltage category	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3
Degree of protection	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-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/Au	Cu Zn/Au	Cu Zn/Au
Inflammability class in acc.with UL 94	HB	HB	HB

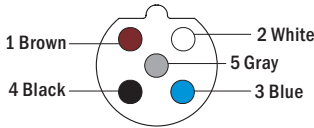
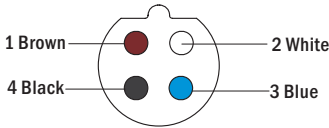
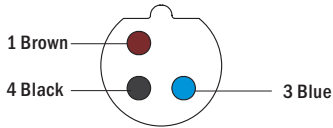
Connector data			
Type of connection	Moulded	Moulded	Moulded
Cable Type	PUR/PVC	PUR/PVC	PUR/PVC
Connection cross-section	0.34mm ²	0.34mm ²	0.34mm ²
Connection cross-section AWG	22	22	22

Assembly instruction

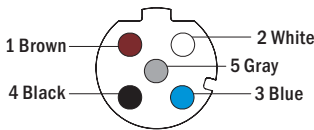
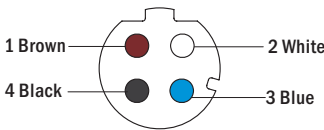
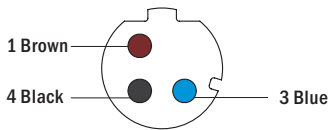
A-coded



B-coded

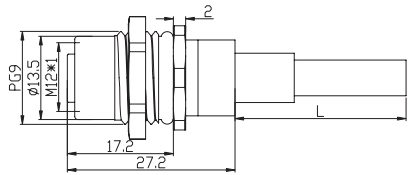
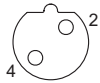


D-coded



M12 Female Base,Moulded,Front mounting,PG9 fastening thread,With Shielded cable

2 poles(Female,B-coded)



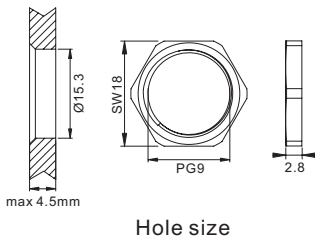
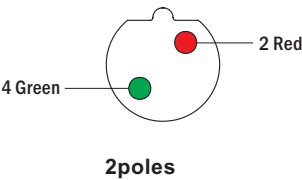
Description	Coding	Wires length	Contacts	Type	Order No.
M12X1 Plug,Solder Rear mounting PG9 fastening Thread, Bus cable	B	0.5m	2-pole	RPC-M12B-FF-2CON-PG9-0.5LH	4150022005
	B	1.5m	2-pole	RPC-M12B-FF-2CON-PG9-1.5LH	4150022015
	B	3.0m	2-pole	RPC-M12B-FF-2CON-PG9-3.0LH	4150022030

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

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

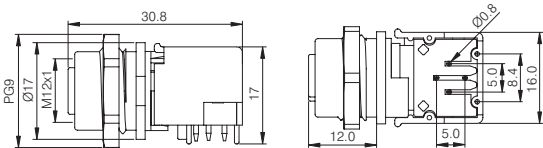
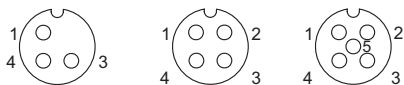
Connector data	
Type of connection	Crimp
Cable Type	Bus cable
Connection cross-section	0.25mm ²
Connection cross-section AWG	24

Assembly instruction



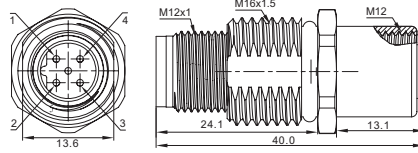
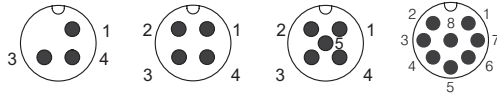
M12 Female Base Solder,90° connection

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



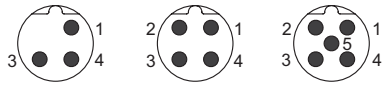
M12 Male to Female Base, Front mounting, M16 fastening thread

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



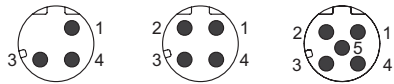
Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 plug on socket Front mounting M16 fastening thread	A	M16	3-pole	RPC-M12-3MF-M16-M12-3FS	4142060356	RPC-M12-3MF-M16-M12-3FS-U	4142060357
	A	M16	4-pole	RPC-M12-4MF-M16-M12-4FS	4142060456	RPC-M12-4MF-M16-M12-4FS-U	4142060457
	A	M16	5-pole	RPC-M12-5MF-M16-M12-5FS	4142060556	RPC-M12-5MF-M16-M12-5FS-U	4142060557
	A	M16	8-pole	RPC-M12-8MF-M16-M12-8FS	4142060856	RPC-M12-8MF-M16-M12-8FS-U	4142060857

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 plug on socket Front mounting M16 fastening thread	B	M16	3-pole	RPC-M12B-3MF-M16-M12B-3FS	4144060356	RPC-M12B-3MF-M16-M12B-3FS-U	4144060357
	B	M16	4-pole	RPC-M12B-4MF-M16-M12B-4FS	4144060456	RPC-M12B-4MF-M16-M12B-4FS-U	4144060457
	B	M16	5-pole	RPC-M12B-5MF-M16-M12B-5FS	4144060556	RPC-M12B-5MF-M16-M12B-5FS-U	4144060557

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



Description	Coding	Screw type	Contacts	Type(Ag)	Order No.(Ag)	Type(Au)	Order No.(Au)
M12X1 plug on socket Front mounting M16 fastening thread	D	M16	3-pole	RPC-M12D-3MF-M16-M12D-3MS	4145060356	RPC-M12D-3MF-M16-M12D-3MS-U	4145060357
	D	M16	4-pole	RPC-M12D-4MF-M16-M12D-4MS	4145060456	RPC-M12D-4MF-M16-M12D-4MS-U	4145060457
	D	M16	5-pole	RPC-M12D-5MF-M16-M12D-5MS	4145060556	RPC-M12D-5MF-M16-M12D-5MS-U	4145060557

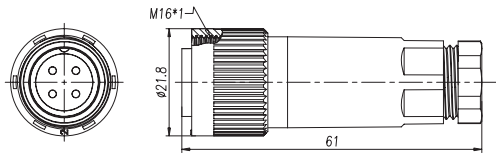
Technical data	3-pole	4-pole	5-pole	8-pole
Nominal current	4A	4A	4A	2A
Rated voltage	250V	250V	60V	30V
Over voltage category	II	II	II	II
Contact resistance	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
Pollution degree	3	3	3	3
Degree of protection	IP67	IP67	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C	-25°C~+85°C

Mechanical data	3-pole	4-pole	5-pole	8-pole
Coding	A/B/D	A/B/D	A/B/D	A
Contact carrier material	PA/TPU	PA/TPU	PA/TPU	PA/TPU
Material contact/contact surface	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au	Cu Zn/Ag/Au
Inflammability class in acc.with UL 94	HB	HB	HB	HB

Connector data	3-pole	4-pole	5-pole	8-pole
Type of connection	Male to Female	Male to Female	Male to Female	Male to Female

M12 Male Screw connection, Straight, Quick contact

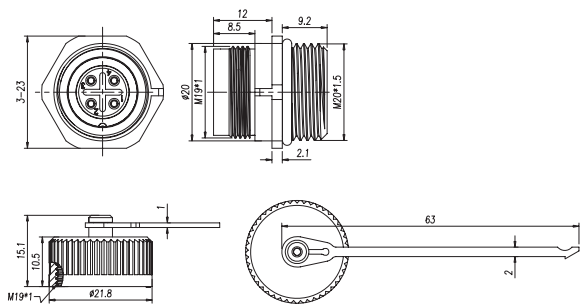
4 poles



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, Crimp	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	≥100mΩ
Pollution degree	2
Degree of protection	IP67
Operation temperature	-40°C~+125°C

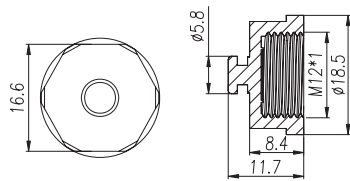
Mechanical data

Mechanical operation	>500
Contact carrier material	PC
Contact surface/plating	CuSn/Ag

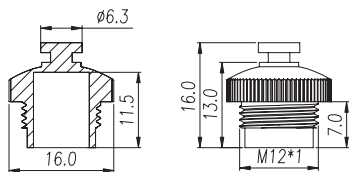
Connector data

Type of connection	Screw connection/Crimp
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°C~+85°C

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



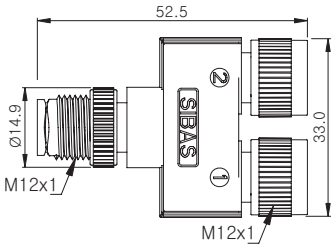
M12 Series



M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary

3,4,5poles

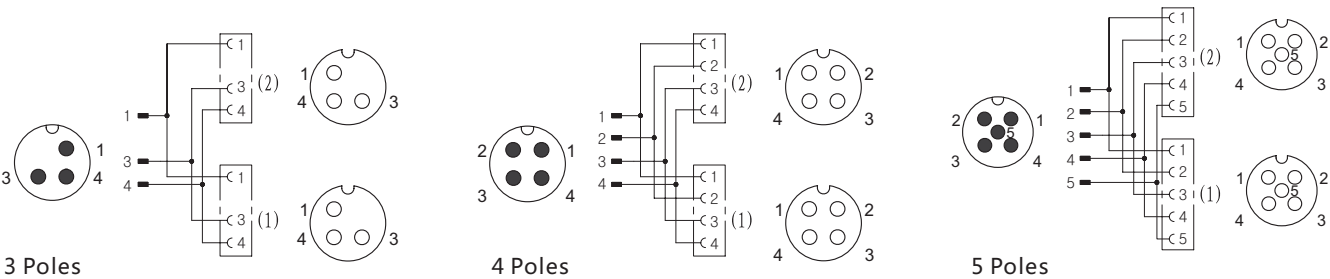


Description	Screw type	Contacts	Type	Order No.
M12 Plug on	M12	3-pole	RPC-M12-MS-3CON-M12-Y1	4186550380
2xM12 Socket	M12	4-pole	RPC-M12-MS-4CON-M12-Y1	4186550480
Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-Y1	4186550580

Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	60V	60V	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/Ag	CuZn/Ni/Au/Ag	CuZn/Ni/Au/Ag
Material of grip body	TPU	TPU	TPU

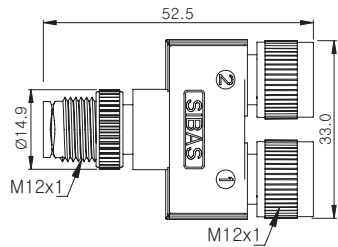
Assembly instruction



Contact assignment of M12 Y1 connector

M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Special
4 poles on 2x3ploes

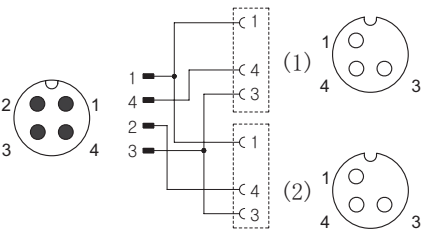


Description	Screw type	Contacts	Type	Order No.
M12 Plug on, 2xM12 Socket, Plastic housing	M12	4-pole	RPC-M12-MS-4CON-M12-Y2	4187550380

Technical data	4-pole
Nominal current	4A
Rated voltage	60V
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/Ag
Material of grip body	TPU

Assembly instruction



4 Poles on 2x3poles

Contact assignment of M12 Y2 connector

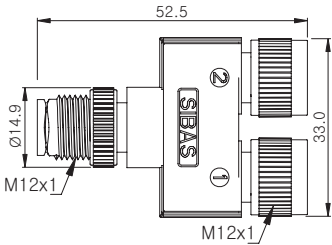
M12 Series



M12 Y distributors connector

Description: Straight M12 plug on straight 2xM12 socket,Special

3,4,5poles

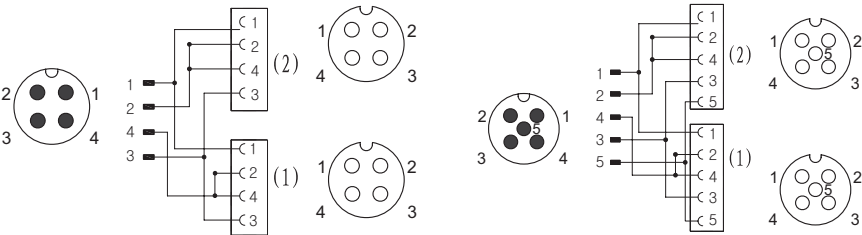


Description	Screw type	Contacts	Type	Order No.
M12 Plug on	M12	4-pole	RPC-M12-MS-4CON-M12-Y3	4187550480
2xM12 Socket,Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-Y3	4187550580

Technical data	4-pole	5-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℃~+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



4 Poles

5 Poles

Contact assignment of M12 Y3 connector

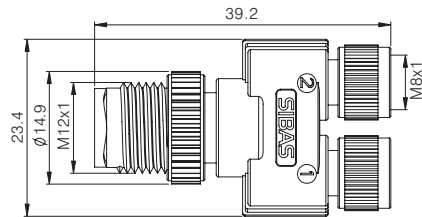
M12 Series



M12 Y distributors connector

Description: Straight M12 plug on straight 2xM8 socket, Special

3,4poles

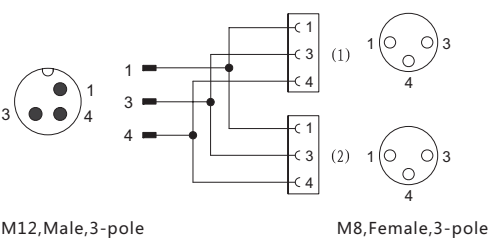


Description	Screw type	Contacts	Type	Order No.
M12 Plug on 2xM8 Socket, Plastic housing	M8	3-pole	RPC-M12-MS-3CON-M8-Y1	4186540380
	M8	4-pole	RPC-M12-MS-4CON-M8-Y2	4187540480

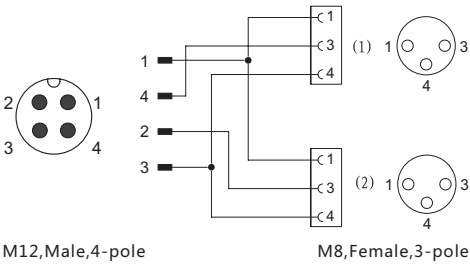
Technical data	3-pole	4-pole
Nominal current	4A	4A
Rated voltage	60V	60V
Over voltage category	II	II
Contact resistance	≤5mΩ	≤5mΩ
Insulation resistance	≥100MΩ	≥100MΩ
Pollution degree	3	3
Degree of protection	IP67	IP67
Operation temperature	-25°C~+85°C	-25°C~+85°C

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

Assembly instruction



Contact assignment of M12/M8 Y1 connector



Contact assignment of M12/M8 Y2 connector

M12 Series

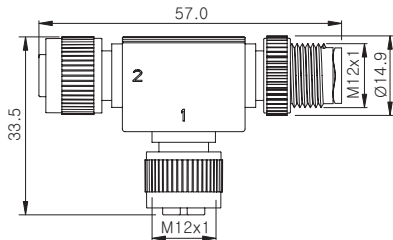
M12 Series



M12 T distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary

3,4,5poles

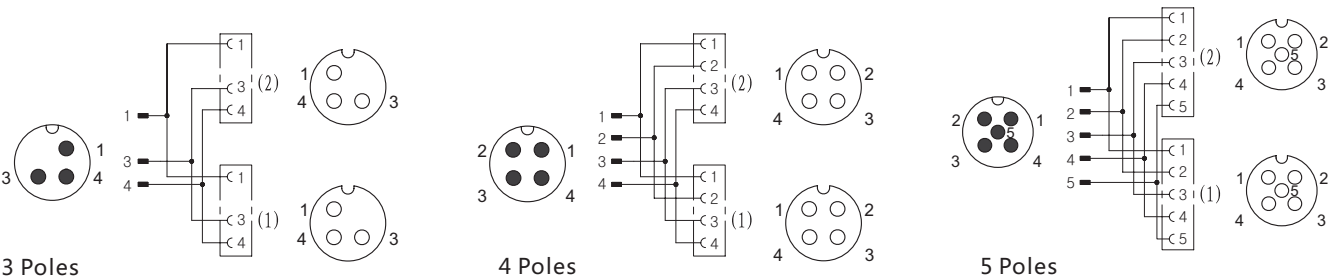


Description	Screw type	Contacts	Type	Order No.
M12 T distributors	M12	3-pole	RPC-M12-MS-3CON-M12-T1	4186650380
M12 Plug on	M12	4-pole	RPC-M12-MS-4CON-M12-T1	4186650480
2xM12 Socket,Plastic housing	M12	5-pole	RPC-M12-MS-5CON-M12-T1	4186650580

Technical data	3-pole	4-pole	5-pole
Nominal current	4A	4A	4A
Rated voltage	60V	60V	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



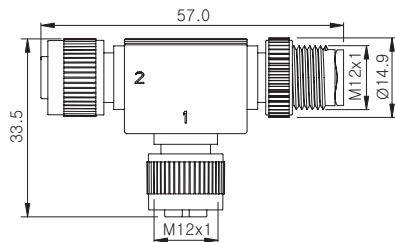
Contact assignment of M12 T1 connector

M12 Series



M12 T distributors connector

Description: Straight M12 plug on straight 2xM12 socket, Ordinary
4 poles on 2x3poles

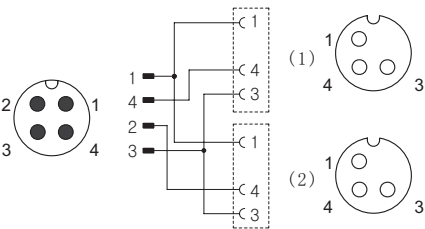


Description	Screw type	Contacts	Type	Order No.
M12 T distributors,M12 Plug on 2xM12 Socket,Plastic housing	M12	4-pole	RPC-M12-MS-4CON-M12-T2	4187650380

Technical data	4-pole
Nominal current	4A
Rated voltage	60V
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

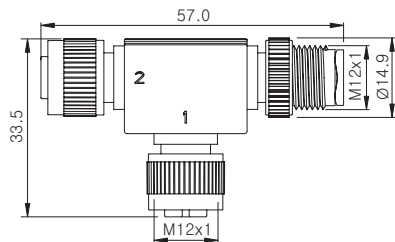
M12 Series



M12 T distributors connector

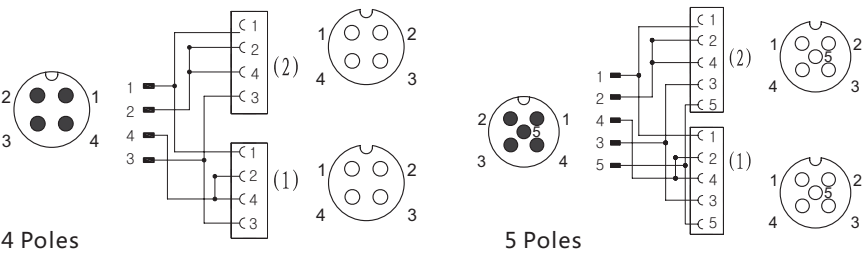
Description: Straight M12 plug on straight 2xM12 socket, Ordinary

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	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				
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
- Pulg design as per IEC61076-2-106

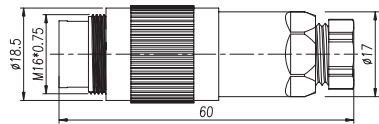
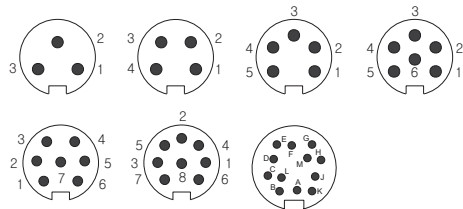


M16 Series



M16 Male, Solder, Straight, Shielded

3,4,5,6,7,8,12 poles



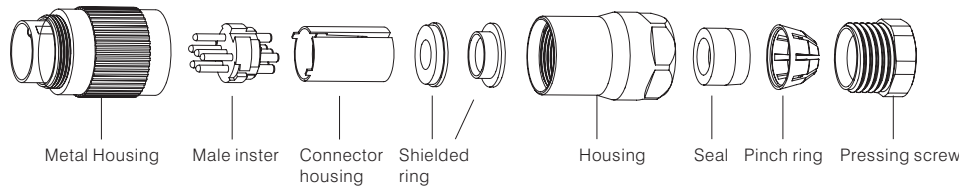
Description	Screw type	Contacts	Type	Order No.
M16 Plug, Shielded, Solder, Straight, Metal housing	PG7	3-pole	RPC-M16-MS-3CON-PG7-SH	4610110382
	PG9	3-pole	RPC-M16-MS-3CON-PG9-SH	4610120382
	PG7	4-pole	RPC-M16-MS-4CON-PG7-SH	4610110482
	PG9	4-pole	RPC-M16-MS-4CON-PG9-SH	4610120482
	PG7	5-pole	RPC-M16-MS-5CON-PG7-SH	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	≤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

Assembly instruction

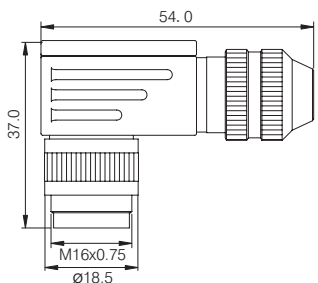
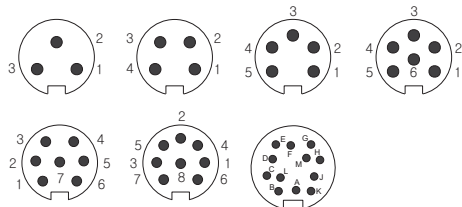


M16 Series



M16 Male, Solder,Angled,Shielded

3,4,5,6,7,8,12 poles



Description	Screw type	Contacts	Type	Order No.
M16 Plug, Shielded, Solder, Angled, Metal housing	PG7	3-pole	RPC-M16-MR-3CON-PG7-SH	4630110382
	PG9	3-pole	RPC-M16-MR-3CON-PG9-SH	4630120382
	PG7	4-pole	RPC-M16-MR-4CON-PG7-SH	4630110482
	PG9	4-pole	RPC-M16-MR-4CON-PG9-SH	4630120482
	PG7	5-pole	RPC-M16-MR-5CON-PG7-SH	4630110582
	PG9	5-pole	RPC-M16-MR-5CON-PG9-SH	4630120582
	PG7	6-pole	RPC-M16-MR-6CON-PG7-SH	4630110682
	PG9	6-pole	RPC-M16-MR-6CON-PG9-SH	4630120682
	PG7	7-pole	RPC-M16-MR-7CON-PG7-SH	4630110782
	PG9	7-pole	RPC-M16-MR-7CON-PG9-SH	4630120782
	PG7	8-pole	RPC-M16-MR-8CON-PG7-SH	4630110882
	PG9	8-pole	RPC-M16-MR-8CON-PG9-SH	4630120882
	PG9	12-pole	RPC-M16-MR-12CON-PG9-SH	4630121282

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

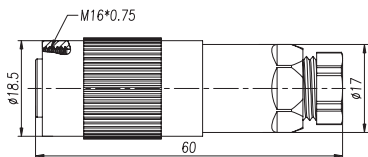
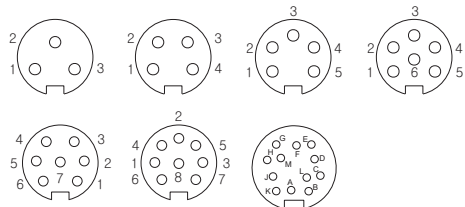
Type of connection	Solder	Solder	Solder
Cable diameter PG7	4-6mm	4-6mm	4-6mm
Cable diameter PG9	6-9mm	6-9mm	6-9mm
Connection cross-section max	0.75mm ²	0.75mm ²	0.25mm ²

M16 Series



M16 Female, Solder, Straight, Shielded

3,4,5,6,7,8,12 poles



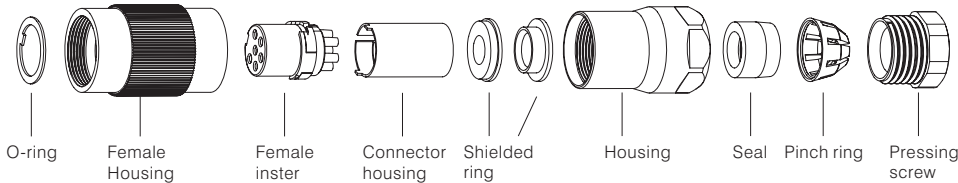
Description	Screw type	Contacts	Type	Order No.
M16 Solder Shielded Solder Straight Metal housing	PG7	3-pole	RPC-M16-FS-3CON-PG7-SH	4600110392
	PG9	3-pole	RPC-M16-FS-3CON-PG9-SH	4600120392
	PG7	4-pole	RPC-M16-FS-4CON-PG7-SH	4600110492
	PG9	4-pole	RPC-M16-FS-4CON-PG9-SH	4600120492
	PG7	5-pole	RPC-M16-FS-5CON-PG7-SH	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

Assembly instruction

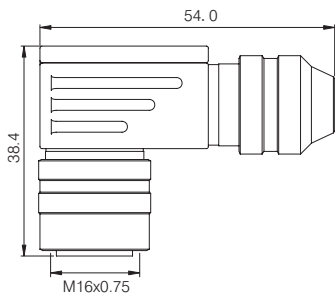
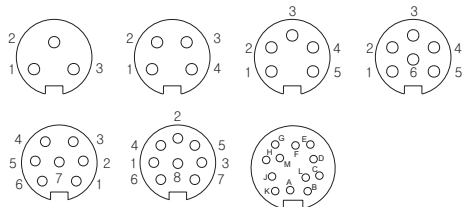


M16 Series



M16 Female, Solder,Angled,Shielded

3,4,5,6,7,8,12 poles



Description	Screw type	Contacts	Type	Order No.
M16 Solder Shielded Solder Angled Metal housing	PG7	3-pole	RPC-M16-FR-3CON-PG7-SH	4620110392
	PG9	3-pole	RPC-M16-FR-3CON-PG9-SH	4620120392
	PG7	4-pole	RPC-M16-FR-4CON-PG7-SH	4620110492
	PG9	4-pole	RPC-M16-FR-4CON-PG9-SH	4620120492
	PG7	5-pole	RPC-M16-FR-5CON-PG7-SH	4620110592
	PG9	5-pole	RPC-M16-FR-5CON-PG9-SH	4620120592
	PG7	6-pole	RPC-M16-FR-6CON-PG7-SH	4620110692
	PG9	6-pole	RPC-M16-FR-6CON-PG9-SH	4620120692
	PG7	7-pole	RPC-M16-FR-7CON-PG7-SH	4620110792
	PG9	7-pole	RPC-M16-FR-7CON-PG9-SH	4620120792
	PG7	8-pole	RPC-M16-FR-8CON-PG7-SH	4620110892
	PG9	8-pole	RPC-M16-FR-8CON-PG9-SH	4620120892
	PG9	12-pole	RPC-M16-FR-12CON-PG9-SH	4620121292

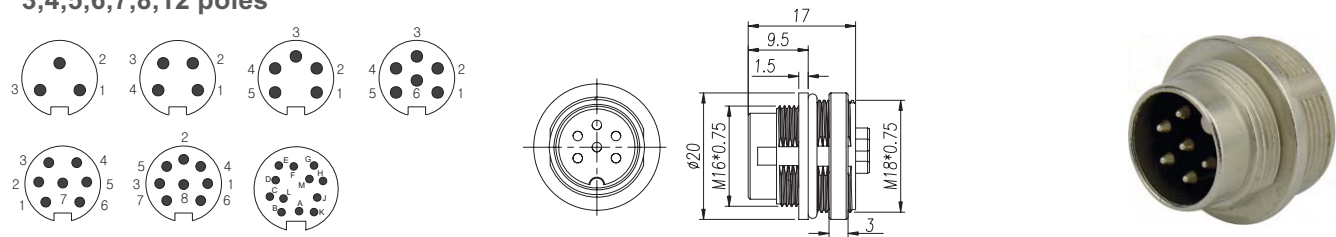
Technical data	3/4/5-pole	6/7-pole	8/12-pole
Number of contacts	7A/6A	5A	5A/3A
Nominal current	250V	125V	60V
Rated voltage	II	II	II
Over voltage category	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$	$\leq 3\text{m}\Omega$
Contact resistance	$> 10^{10}\Omega$	$> 10^{10}\Omega$	$> 10^{10}\Omega$
Insulation 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



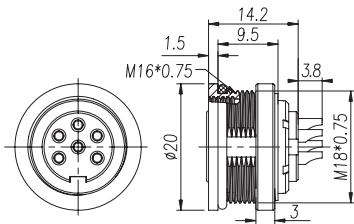
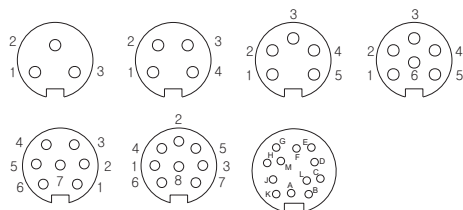
Description	Screw type	Contacts	Type	Order No.
M16 Plug Solder Rear mounting Metal housing	PG9	3-pole	RPC-M16-MB-3CON-M18-LA	4642180380
	PG9	4-pole	RPC-M16-MB-4CON-M18-LA	4642180480
	PG9	5-pole	RPC-M16-MB-5CON-M18-LA	4642180580
	PG9	6-pole	RPC-M16-MB-6CON-M18-LA	4642180680
	PG9	7-pole	RPC-M16-MB-7CON-M18-LA	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



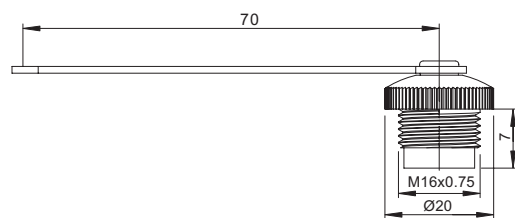
M16 Female Base, Solder,Rear mounting,M18 fastening thread

3,4,5,6,7,8,12 poles

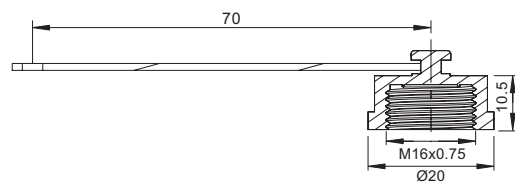


Description	Screw type	Contacts	Type	Order No.
M16 Plug Solder Rear mounting Metal housing	PG11	3-pole	RPC-M16-FB-3CON-M18-LA	4642180390
	PG11	4-pole	RPC-M16-FB-4CON-M18-LA	4642180490
	PG11	5-pole	RPC-M16-FB-5CON-M18-LA	4642180590
	PG11	6-pole	RPC-M16-FB-6CON-M18-LA	4642180690
	PG11	7-pole	RPC-M16-FB-7CON-PM18-LA	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	

Protection cap for M16 male connector



Protection cap for M16 female connector



Description	Screw type	Type	OrderNo.
Male plastic cover	M16	RPC-M16-MS-0CON-M12-M	4604000000
Female plastic cover	M16	RPC-M16-FS-0CON-M12-F	4614000010

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