

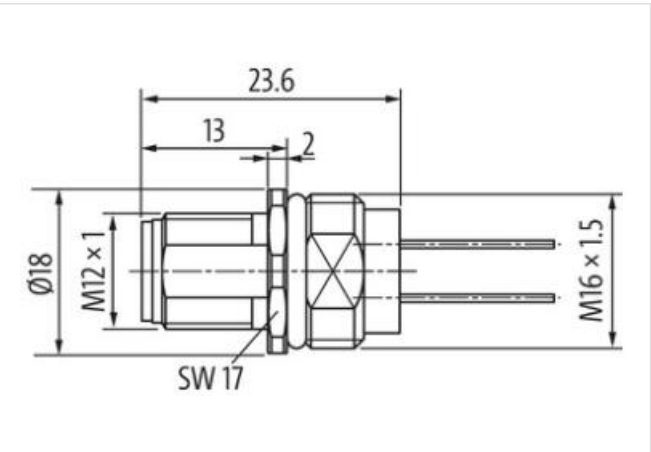
M12 Power male recept. S-cod. front

mPPE-wires 4x1.5 1m

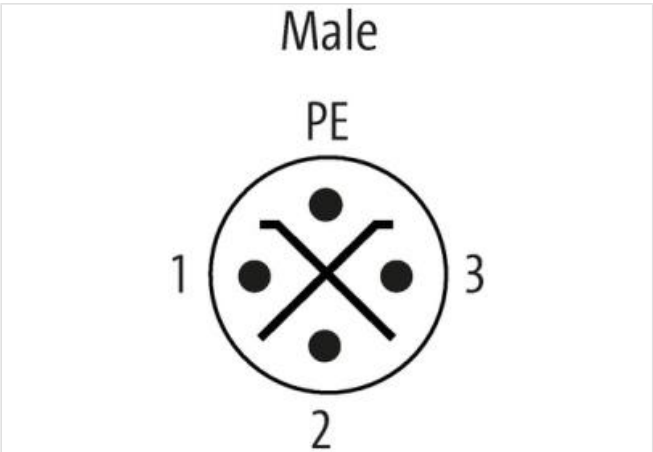
Flange male
M12, 4-pole
S-coded
Front mounting
with multi-strand wire
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



Cable length 1 m

Side 1

Tightening torque 0,6 Nm

Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	S
Material contact	Copper alloy

Commercial data

ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002061
customs tariff number	85444290
GTIN	4048879664936
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	630 V
Operating voltage DC max.	630 V
Current operating per contact max.	12 A

Installation | Connection

Mounting set	M16 x 1.5
Width across flats	SW17
Mating cycles min.	100

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	III

Mechanical data | Material data

Material contact carrier	PA
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Resistances | Cable

Cable identification	940
wire arrangement	black 1, black 2, black 3, green-yellow
Material wire insulation	PE
Amount wires	4
Conductor crosssection (wire)	1,5 mm ²
Min. operating temperature (static)	-40 °C

Max. operating temperature (fixed)	85 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404