

**M12 Power female recept. S-cod. front**

PUR-wires 4x1.5 1.5m

Flange female

M12, 4-pole

S-coded

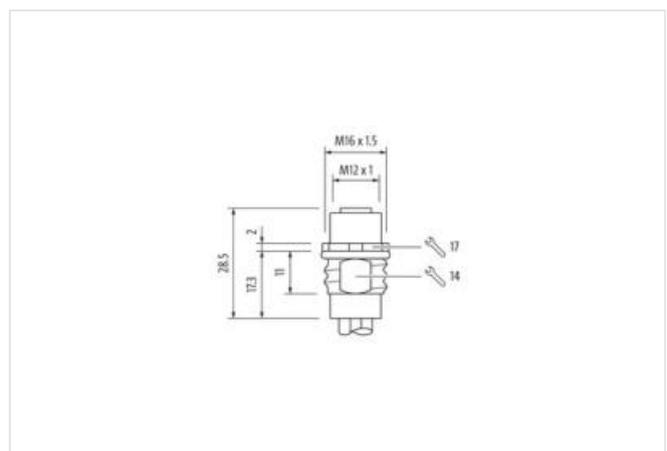
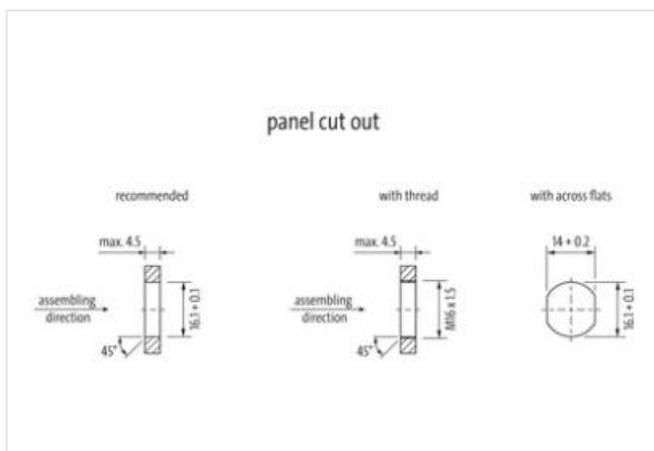
Front mounting

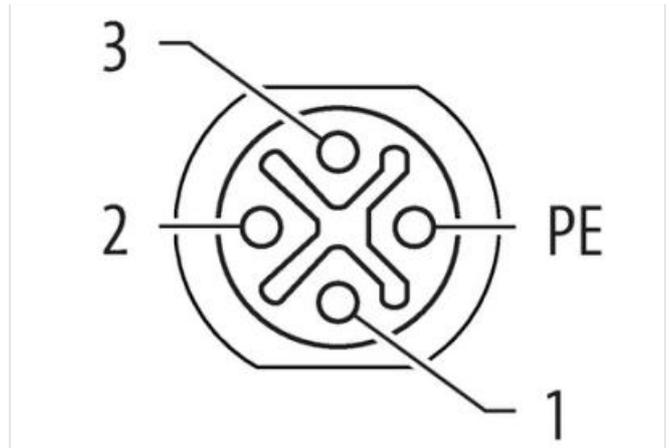
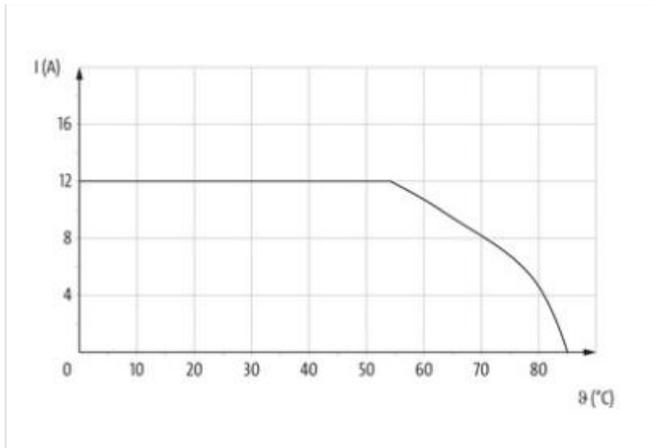
with multi-strand wire

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**

1	BN
2	WH
3	BU
PE	GN YE





Product may differ from Image



Cable length 1,5 m

**Side 1**

Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	S
Material contact	Copper alloy
No. of poles	4
Width across flats	SW17

**Commercial data**

ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909051917
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	600 V
Current operating per contact max.	12 A

**Installation | Connection**

Mounting set	M16 x 1.5
Width across flats	SW17

**Device protection | Electrical**

Degree of protection (EN IEC 60529)	IP65, IP67
Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I

**Mechanical data | Material data**

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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Coating housing	nickel plated
Coating locking	nickel plated
Material housing	Brass
Material contact carrier	PA
Locking material	Brass

#### Mechanical data | Mounting data

Mounting method	inserted, screwed
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#### Environmental characteristics | Climatic

Operating temperature min.	-25 °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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Conformity

Product standard	IEC 61076-2-111
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#### Resistances | Cable

Cable identification	945
wire arrangement	brown, white, blue, green-yellow
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	2,4 mm
Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing