

M12 Power female recept. K-cod. front

PUR-wires 0.25 0.5m

Power

Flange female

M12, 5-pole

K-coded

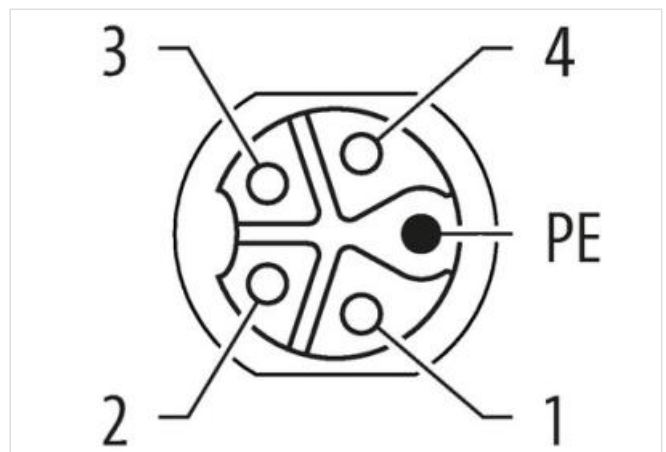
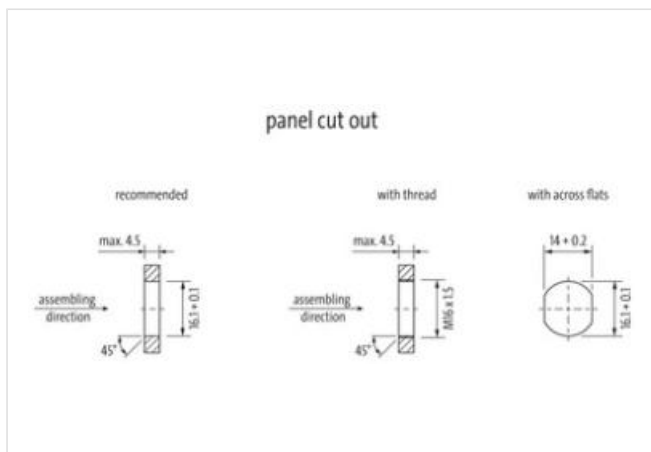
Front mounting

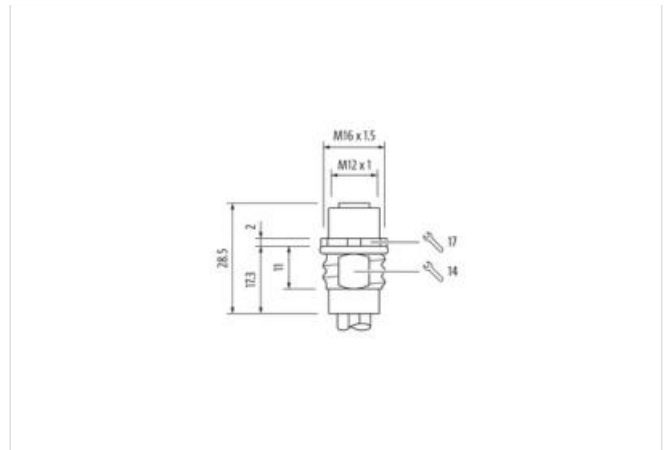
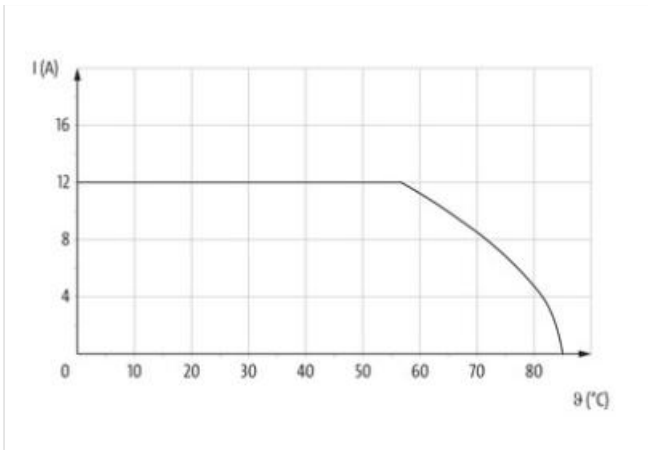
with multi-strand wire

The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

[Link do produto](#)**Ilustração**

1	BN
2	WH
3	BU
4	BK
PE	GN YE





Produto pode diferir da imagem



Cable length 0,5 m

Side 1

Tightening torque 0,6 Nm
 Family construction form M12P
 Thread M12 x 1
 Coding K
 No. of poles 5

Dados comerciais

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
 Classificação fiscal 85444290
 GTIN 4048879773881
 Quantidade por embalagem 1

Electrical data | Supply

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

Diagnostics

Status indication LED no

Installation | Connection

Mounting set M16 x 1.5
 Width across flats SW17

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67
 Additional condition protection degree inserted, screwed

Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Coating housing	nickel plated
Coating locking	nickel plated
Material gasket	FKM
Material housing	Brass
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	Attention: 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

wire arrangement	brown, white, blue, black, green-yellow
Cable identification	988
wire arrangement	brown, white, blue, black, green-yellow
Cable weight	107,25 g/m
Material wire insulation	PUR
Amount wires	5
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 ²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	900 V
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3,31 kV
Power frequency withstand voltage (wire - jacket)	3,31 kV
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 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing