

M12 Power male 0° / female 0° L-cod.

PUR 5x1.5 gy 1m

Power M12 – M12, 5-pole Male straight – female straight L-coded

with cable sleeves

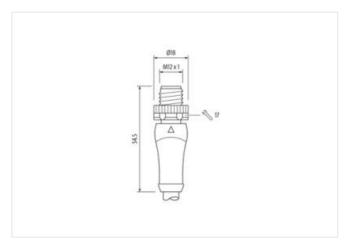
Plastic housings with good resistance against chemicals and oils.

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

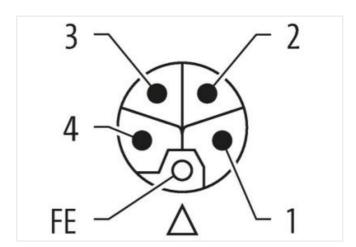
Link to Product

Illustration



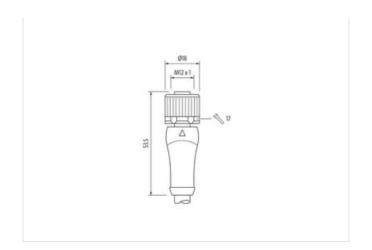


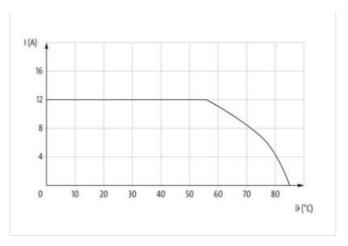


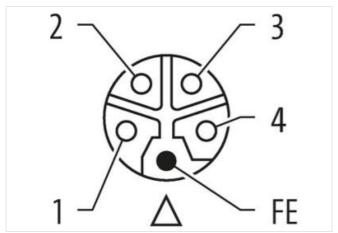




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Product may differ from Image







Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
Material contact	Copper alloy
No. of poles	5
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	L

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: 2024-05-19



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Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27090371 ECLASS-8.1.1 27090311 ECLASS-11.1 27090311 ECLASS-12.0 27095227 ETM-5.0 EC01855 Coultons suff number 6444200 GTN 4948079699571 Packaging unit 1 Electrical data Suppty February (1978) Deraiting voltage DC max. 63 V Current operating per contact max. 12 A Installation Commodition With a constitute of the Confession of the IEC place of the Confession (EN IEC place) Device protection I Electrical 8947 Device protection (EN IEC place) 1 Radiation (IEC place) 1 Publishin Operation (IEC place) 1 </th <th>No. of poles</th> <th>5</th>	No. of poles	5
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Amount stranding 1 Stranding 5 wires around Filler twisted Filler yes	Printing spacing of wire insulation	10 mm
Stranding 5 wires around Filler twisted Filler yes	Jacket Color	gray
Filler yes	Amount stranding	1
<u> </u>	Stranding	5 wires around Filler twisted
wire arrangement gray 5, black 4, blue 3, white 2, brown 1	Filler	yes
	wire arrangement	gray 5, black 4, blue 3, white 2, brown 1

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: 2024-05-19



Cable weigth	147,4 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	8,7 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	2,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
Printing spacing of wire insulation	10 mm
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	13,5 A
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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
Bending radius (dynamic)	10 x Outer diameter