

M12 male recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 0.3m

Flange male M12, 2-pole B-coded shielded

Rear mounting

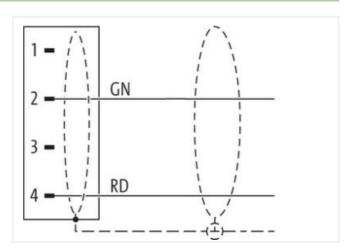
Further cable lengths on request.

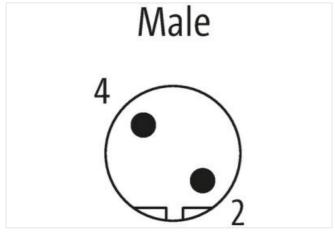
The resistance to aggressive media should be individually tested for your application. Further details on request.

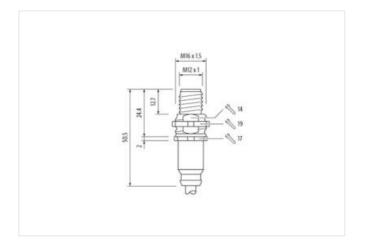
Link to Product

Illustration









Product may differ from Image



0,3 m Cable length

Side 1

0,6 Nm Tightening torque

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: 2024-05-21



stay connected

Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding B Material contact Copper alloy Material Brass No. of poles 4 Degree of protection (EN IEC 60529) IP67 Side 2 Stripping length (jacket) 20 mm Commercial data ECLASS-6.0 27279221 ECLASS-6.1 27279220 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-10.1 4048679571029 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V	Mounting method	inserted, screwed
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Operating temperature max. 85 °C	Operating temperature min.	
	Operating temperature max.	85 °C

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: 2024-05-21



Additional condition temperature range	depending on cable quality
ridditional condition temperature range	appending on papie quality

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.
Approvals	
JL 50E	yes
Installation Cable	
Cable identification	841
Jacket Color	violet
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with 2 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
vire arrangement	red, green
Cable weigth	70,4 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 3 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7,7 mm
olerance outer diameter (sheath)	±5%
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 3 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
raversing distance (C-track)	5 m @ 25 °C horizontal
lominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	72,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	29000 pF/km
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °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
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter



Travel speed (C-track)

5 Mio. @ 25 °C