

stay connected

M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG23 shielded vt UL/CSA+robot 7.5m

PROFIBUS

Male straight

M12, 2-pole

B-coded

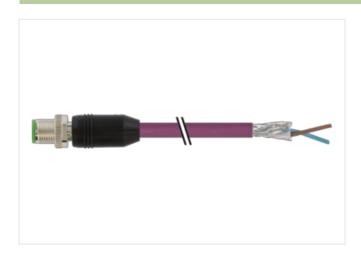
shielded

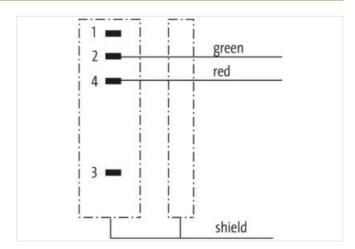
Plastic housings with good resistance against chemicals and oils.

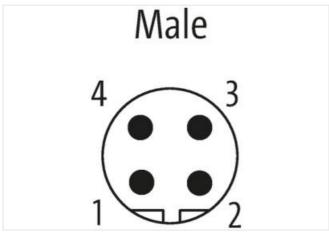
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

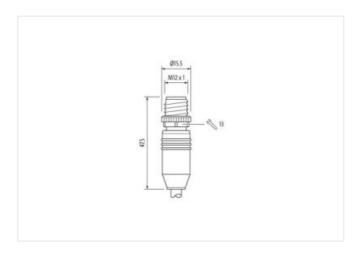
Link to Product

Illustration









Product may differ from Image













Cable length

7,5 m

Side 1



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Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879449618
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	·
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

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: 2024-04-27



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Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 843 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 2 wires with 2 Filler twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes Drain wire (cross-section) 0,14 mm² wire arrangement brown, white, red, blue, pink, gray, yellow, green No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigh 79,2 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 8,1 mm Tolerance outer diameter (sheath) ± 5 % Material conditions wire insulation PP Amount wires 2 Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 26 mm Outer diameter (sinsulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 2,6 mm Outer diameter resultation 2,6 mm Outer diameter resultation 2,5 mm Outer diameter (sinsulation 19 Diameter of single wires 23 AW/G Conductor crosssection (wire) 23 AW/G Conductor crosssection 0,14 mm² Material conductor wire Stranded copper wire, bare
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Conductor crosssection (wire) 23 AWG Drain wire (cross-section) 0,14 mm ²
Drain wire (cross-section) 0,14 mm ²
Material conductor wire Stranded copper wire, bare
Traversing distance (C-track) 10 m @ 25 °C horizontal
Current load capacity (standard) to DIN VDE 0298-4
Current load capacity min. wire 3 A
Electrical resistance line constant wire $59,4 \Omega/km$
Nominal voltage power AC max. 300 V
AC withstand voltage power (wire - shield) 0,8 kV @ 60 s
AC withstand voltage power (wire - wire) 1,2 kV @ 60 s
Min. operating temperature (static) -50 °C
Max. operating temperature (fixed) 80 °C
Operating temperature min. (dynamic) -30 °C
Operating temperature max. (dynamic) 80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance Good, application-related testing
chemical resistance Good, application-related testing
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404