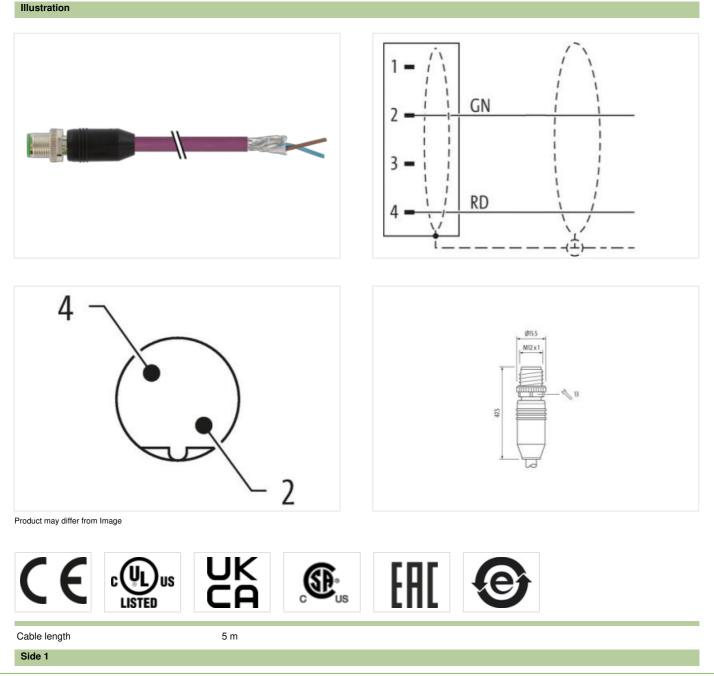


M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG23 shielded vt UL/CSA+robot 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



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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	4048879496612
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
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Important installation notes

Note on strain relief



Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 843 Jacket Color green cURus Type of Certificate Amount stranding 1 Stranding 2 wires with 2 Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler ves Drain wire (cross-section) 0,14 mm² brown, white, red, blue, pink, gray, yellow, green wire arrangement Traversing distance (C-track) 10 m @ 25 °C | horizontal Cable weigth 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 wire insulation PP Amount wires 2 Outer diameter insulation 2.6 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 19 Diameter of single wires 23 AWG 23 AWG Conductor crosssection (wire) Drain wire (cross-section) 0,14 mm² Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 \ to DIN VDE 0298-4 Current load capacity (standard) Current load capacity min. wire 3 A Electrical resistance line constant wire 59.4 Ω/km AC withstand voltage (wire - wire) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 0,8 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 Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C

Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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