

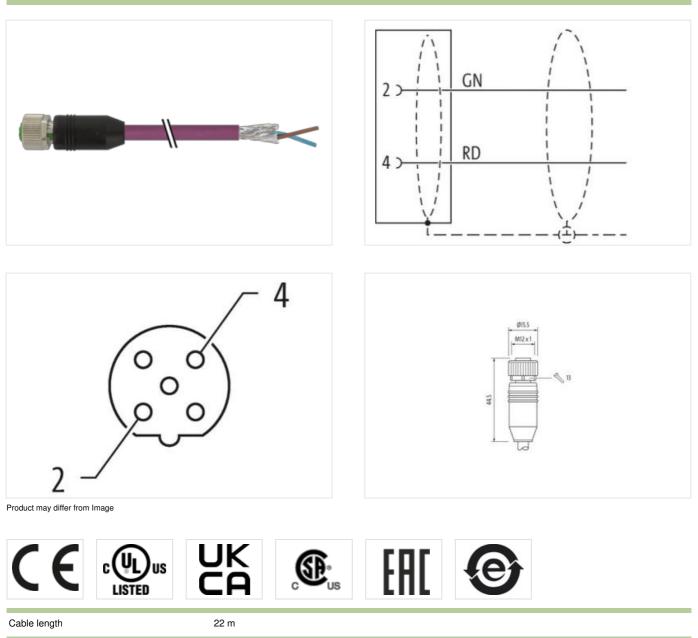
M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 22m

PROFIBUS Female 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



Side 1

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Muuring mehod mende Larened Family construction form M12 Tranad M12 x 1 Coding B Meanial FUR With accoss fund SW13 Degree of protection (ENIEC 60050) FP65, IP67, IP	Tightening torque	0,6 Nm
Tread M12 x 1 Coding B Material PUR With access flats SW13 Degree of protection (FN EG 50520) IP65, IP66K, IP57 Side 2 Stripping length (lackert) 20 mm Commercial length (lackert) 20 mm Commercial length (lackert) ECLASS 6.0 27061801 ECLASS 7.0 ECLASS 7.0 27060307 ECLASS 7.0 ECLASS 7.0 E006307 ECLASS 7.0	Mounting method	inserted, screwed
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ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 austoms tariff number 85444290 GTIN 4048879705066 Packaging unit 1 Etertical data Supply Correling voltage AC max. Operating voltage AC max. 60 V Operating voltage AC (Listed) 30 V Operating voltage AC (Listed) 30 V Operating voltage DC (Listed) 30 V Current operating one contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Begree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Materi	ECLASS-7.0	27060307
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Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 840 Jacket Color violet Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 70 % Banding Fleece, Foil wire arrangement red, green Traversing distance (C-track) 5 m @ 25 °C | horizontal 82,5 g/m Cable weigth Material jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,8 mm Tolerance outer diameter (sheath) ±5% Material inner jacket TPF-V Color (inner jacket) white Amount wires 2 Outer diameter insulation 2.55 mm Outer diameter tolerance core insulation ±5% Ingredient freeness wire insulation lead-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 Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire -1 kV @ 60 s jacket) AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C -20 °C Operating temperature min. (dynamic) 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 (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter

Travel speed (C-track)

5 Mio. @ 25 °C

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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.