

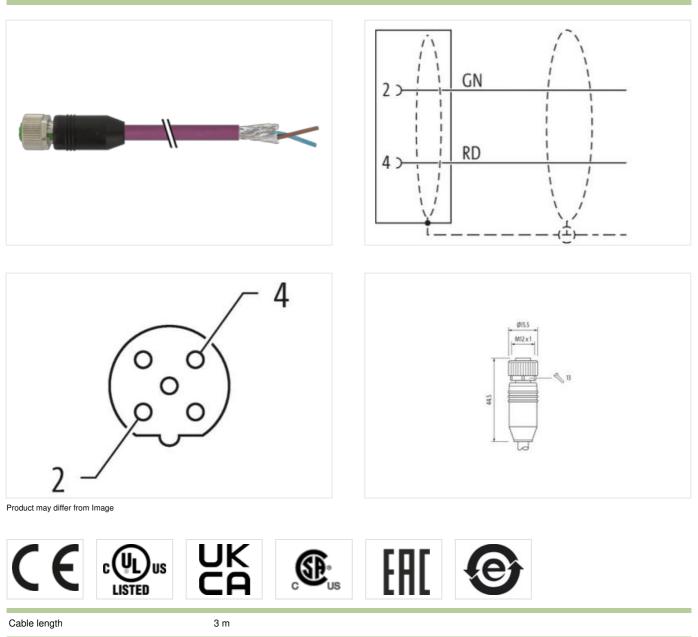
M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 3m

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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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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Note on bending radius



Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 841 Jacket Color violet 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 yes wire arrangement red, green Cable weigth 70,4 g/m Material jacket PUR Shore hardness jacket 87 ± 3 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance 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 Ingredient 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 Traversing distance (C-track) 5 m @ 25 °C | horizontal Nominal 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 2 kV @ 60 s iacket) 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 IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090 Flame resistance 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) 7.5 x Outer diameter

endangered by excessive bending forces.

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

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Bending radius (dynamic)

Travel speed (C-track)

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12 x Outer diameter

5 Mio. @ 25 °C