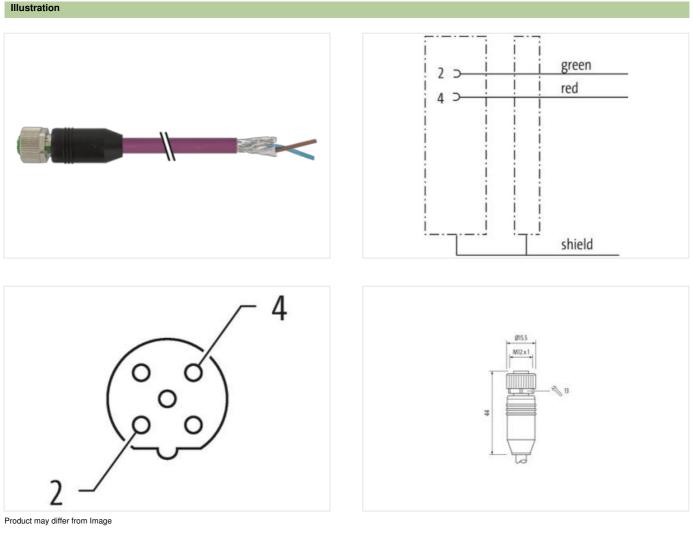


M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 16m

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





Cable length

16 m

Side 1

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Family construction form M12 Thread M12 x 1 Coding B Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (tacket) 20 mm Commercial date ECLASS-6.0 27068007 ECLASS-6.1 27068007 ECLASS-6.0 27068007 ECLASS-6.0 27068007 ECLASS-6.0 27068007 ECLASS-7.0 27068007 ECLASS-8.0 27068007 ECLASS-8.1 27068007 ECLASS-1.1 27068007 ECLASS-1.2 27068007 ECLASS-1.1 27068007 ECLASS-1.1 27068007 ECLASS-1.1 27069007 ECLASS-1.1 27069007 ECLASS-1.1 27069007 ECLASS-1.1 27069007 ECLASS-1.1 27069007 ECLASS-1.1 27069007 ECLASS-1.1 270	Tightening torque	0,6 Nm
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ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECMASD ECO01855 customs tariff number 85444290 GTIN 4048879198073 Packaging unit 1 Electrical datal Supply Electrical datal Supply Operating voltage AC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating orotage DC (UL-listed) 30 V Device protection I Electrical 4A Mounting set M12 x 1 Device protection I Electrical 30 V Additional condition protection degree 1,5 kV Material group (IEC 6066+1) 1	ECLASS-9.0	27060307
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Conformity	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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Installation | Cable

Installation Ouble	
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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	82,5 g/m
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	TPE-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
Traversing distance (C-track)	5 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	78 Ω/km @ 20 °C
Nominal voltage power AC max.	250 V
Electrical capacity line constant (wire - wire) (power)	30000 pF/km
AC withstand voltage power (wire - shield)	1 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1 kV @ 60 s
AC withstand voltage power (wire - wire)	1 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-20 °C
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

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