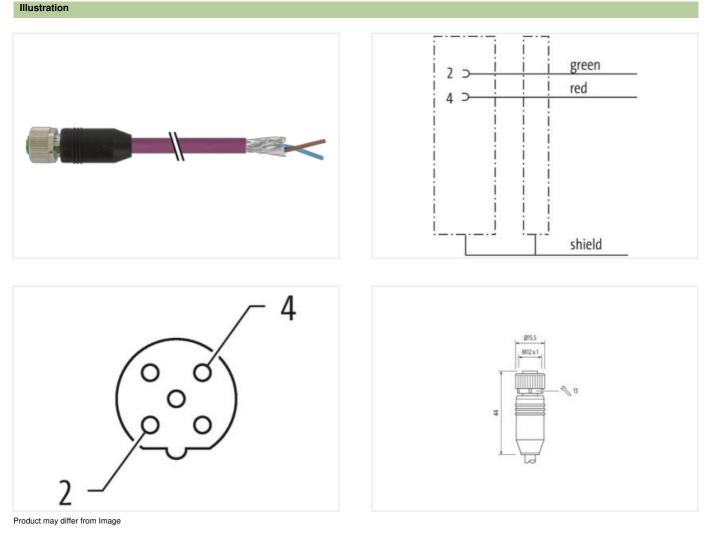


M12 female 0° B-cod. with cable shielded

PVC 1x2xAWG24 shielded vt UL/CSA 8m

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

8 m

Side 1

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Family construction from M12 Thread M12 x 1 Coding B Material PUR With across fails SW13 Degree of protection (EN EC 65529) IPES, IPESK, IPS7 Side 2 SW13 Stopping length (jacket) 20 mm Connectical data Connectical data ECLASS 6.0 2705001 ECLASS 6.0 27050037 ECLASS 6.0 27050037 ECLASS 6.0 27050037 ECLASS 6.0 27050037 ECLASS 7.0 2706037 ECLASS 7.0 27050037 ECLASS 7.0	Tightening torque	0,6 Nm
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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 Cable	
Cable identification	850
Jacket Color	violet
Amount stranding	1
Stranding	2 wires with 2 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	70 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	red, green
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	75,9 g/m
Material jacket	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	7,8 mm
Tolerance outer diameter (sheath)	±5%
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
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	78 Ω/km @ 20 °C
Nominal voltage power AC max.	30 V
Electric capacitance (power)	30000 pF/km
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	0° 00
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter

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