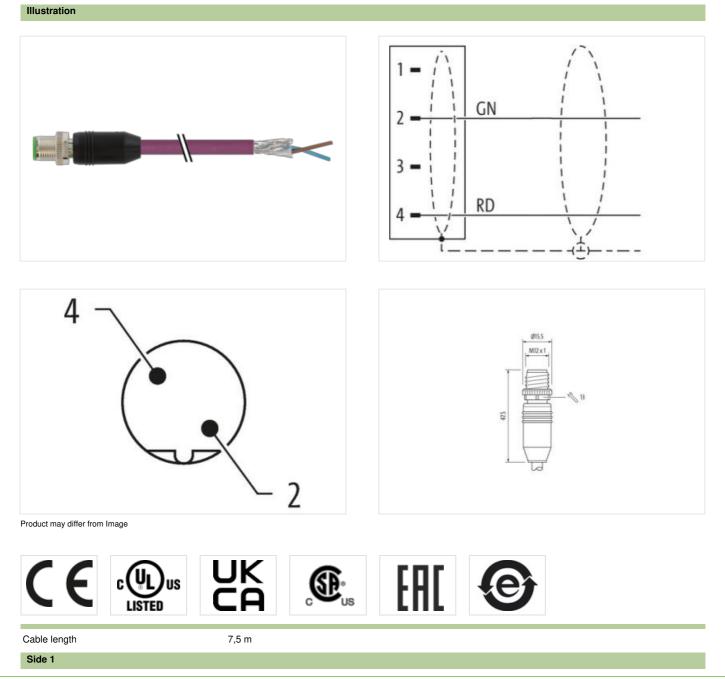


M12 male 0° B-cod. with cable shielded

PVC 1x2xAWG24 shielded vt UL/CSA 7.5m

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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Muring antholinstella crewedParnig construction formM12TravadM12 x 1Coding8MarialPURWith aroos flatsSW13Degree of protection (EN EC 6050)P66, P66K, P67Side 220 mmCommercial dats2706101ECLASS 6.02706101ECLASS 6.12706007ECLASS 6.02706007ECLASS 7.02706007ECLASS 7.02706007ECLASS 7.02706007ECLASS 7.02706007ECLASS 7.02706007ECLASS 7.02706007ECLASS 7.12706007ECLASS 7.22706007ECLASS 7.22706007ECLASS 7.12706007ECLASS 7.12706007ECLASS 7.22706007ECLASS 7.22706007ECLASS 7.12706007ECLASS 7.22706007ECLASS 7.12706007ECLASS 7.22706007ECLASS 7.2	Tightening torque	0,6 Nm
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Cading B Material PUR With arcss fields SV13 Degree of prolection (EN IEC 60529) IP65, IP66, IP67 Side 2 SV14 Strippin length (facht) 20 mm Connecciol data E ECLASS 6.0 27060807 ECLASS 7.0 27060807 ECLASS 5.0 27060807 ECLASS 5.10 27060807 ECLASS 5.20 27060807 EVIM 5.0 EC001855 outsmast strift number 8544290 GTM 4048278657865 Porating voltage AC (max. 60 V Cperating voltage AC (max. 60 V Cperating voltage AC (max. 60 V Cperating voltage AC (UL-Ised) 30 V Counting per contast max. 4 A Instattin contast (UL-Ised)		M12
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Operating temperature max. 85 °C	Environmental characteristics Climatic	
	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
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
vire arrangement	red, green
Traversing distance (C-track)	5 m @ 25 °C
Cable weigth	75,9 g/m
Vaterial jacket	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free
Duter-diameter (jacket)	7.8 mm
Folerance outer diameter (sheath)	±5%
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	±5%
ngredient 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.	30 V
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
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electric capacitance	30000 pF/km
Power frequency withstand voltage (wire - acket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	70 °C
Dperating temperature min. (dynamic)	-20 °C
Dperating temperature max. (dynamic)	60 °C
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
Dil 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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