

M12 male 0° B-cod. with cable shielded

PVC 1x2xAWG24 shielded vt UL/CSA 5m

PROFIBUS

Male straight

M12, 2-pole

B-coded

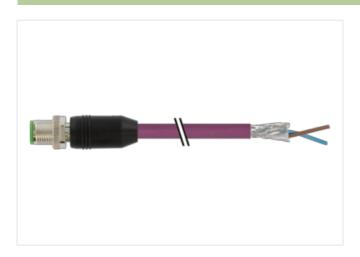
shielded

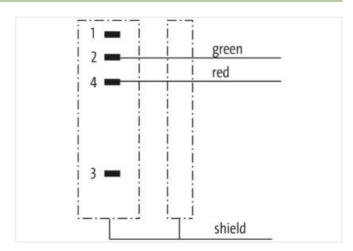
Plastic housings with good resistance against chemicals and oils.

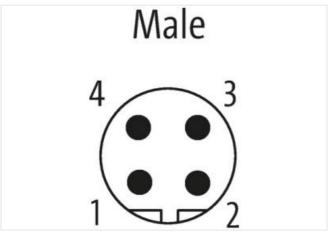
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

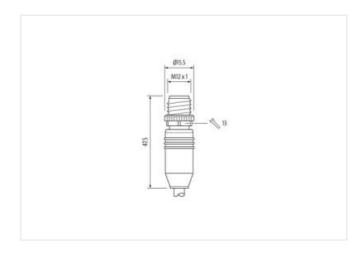
Link to Product

Illustration









Product may differ from Image













Cable length

5 m

Side 1



Mounting method Inserted, screwed Family construction from M12 Thread M12 x1 Coding B Multimad PUR Width across flats SW13 Degres of prosector (ENEC 60552) PP65, FP6K, FP67 Side 2 Stripping empth (lacket) 2 mm Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060007 ECLASS-7.2 27060007 ECLASS-8.0 27060007 ECLASS-10.1 27060007	Tightening torque	0,6 Nm
Treed	Mounting method	inserted, screwed
Treed		`
Material PUR Width across flats SWH3 Degree of proteion (NE NE C 60289) 1P65 (PBK) (PB7) Side 2 Stripping length (jacken) 20 mm Commercial data ECLASS 6.0 27061801 ECLASS 6.0 27060307 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 1.1 27060307 ECLASS 1.1 27060307 ECLASS 1.1 27060307 ETIM 5.0 ECO19185 ECLASS 1.1 27060307 ETIM 5.0 ECO19185 ECLASS 1.2 27060307 ETIM 5.0 ECLASS 1.2 ECLASS 1.2 ECLASS 1.2 270603007 ETIM 5.0		M12 x 1
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Pages of protection (EN IEC 60529)	Width across flats	SW13
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Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



stay connected

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
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)	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
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