

M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 4m

PROFIBUS

Female straight

M12, 2-pole

B-coded

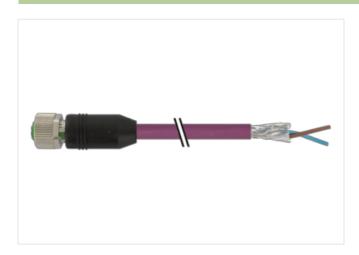
shielded

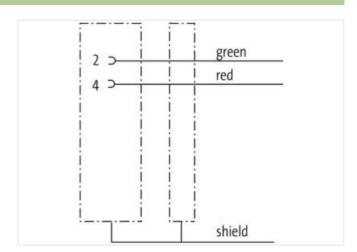
Plastic housings with good resistance against chemicals and oils.

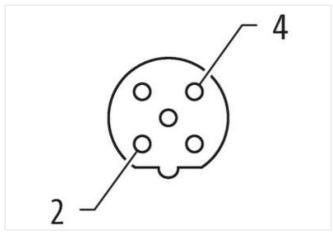
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

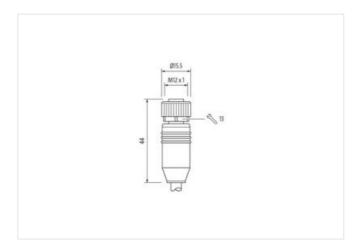
Link to Product

Illustration









Product may differ from Image













Cable length

4 m

Side 1



stay connected

Mounting method	Tightening torque	0,6 Nm
Family construction form M12 r 1 Trinead M12 r 1 Cading B Material PUR Width acons fists SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Stripping length (jacket) 20 mm Commercial data 27061901 ECLASS 6.0 2706307 ECLASS 7.0 2706307 ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 9.0 27060307 ECLASS 9.1.1 27060307 ECLASS 9.1.2 27060307 ECLASS 9.1.1 27060307 ECLASS 9.1.1 27060307 ECLASS 9.1.1 27060307 ECLASS 9.1.1 27060307 ECLASS 12.0 2700307 ECLASS 12.0 27004307 EC	Mounting method	inserted, screwed
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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)



stay connected

Installation Cable	
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)	80 °C
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