

M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 20m

PROFIBUS

Male straight

M12, 2-pole

B-coded

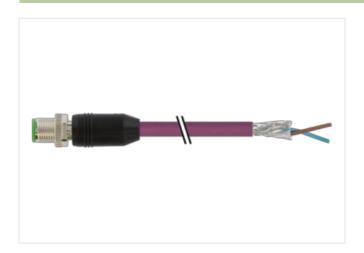
shielded

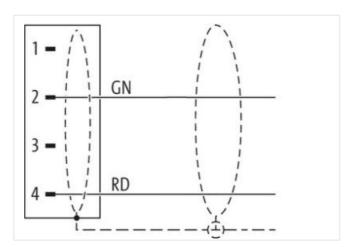
Plastic housings with good resistance against chemicals and oils.

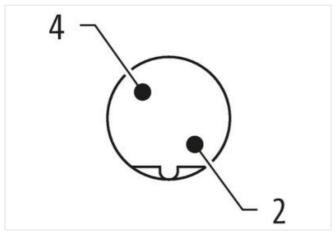
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

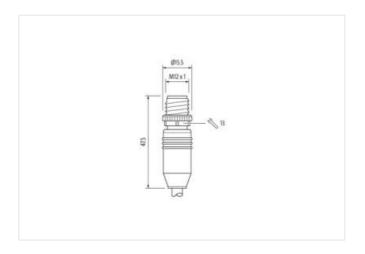
Link to Product

Illustration









Product may differ from Image















Cable length

20 m

Side 1



stay connected

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879198349
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality



stay connected

Attention: Observe the permissible bending radii when laying cables, as the IP endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement red, green Cable identification Jacket Color violet Type of Certificate Amount stranding 1 Stranding 2 wires twisted Cable shielding (type) Cable shielding (type) Cable shielding (type) Cable shielding (soverage) 70 % Banding Fleece, Foil Wire arrangement red, green Cable shielding (coverage) 70 % Banding Fleece, Foil Wire arrangement red, green Cable shielding (coverage) 70 % Banding Fleece, Foil Wire arrangement red, green Cable weight 82.5 g/m Material jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Tolerance outer diameter (sheath) ± 5 % Material inner jacket TPE-V Color (inner jacket) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material inner jacket TPE-V Color (inner jacken) ± 5 % Material conductor wire 19 Amount wire 2 Cuter diameter tolerance core insulation 16 d	the usage of cable ties.
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chemical resistance Good, application-related testing	
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Oil resistance Good, application-related testing DIN EN 60811-404	
Bending radius (fixed) 10 x Outer diameter	
Bending radius (dynamic) 12 x Outer diameter	
No. of bending cycles (C-track) 5 Mio. @ 25 °C	



Travel speed (C-track)

3 m/s @ 25 °C