

## M12 female 90° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 5m

**PROFIBUS** 

Female 90°

M12, 2-pole

B-coded

shielded

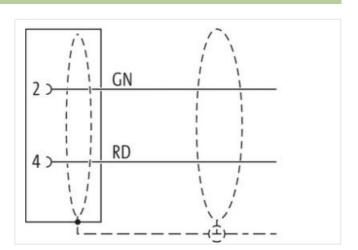
Plastic housings with good resistance against chemicals and oils.

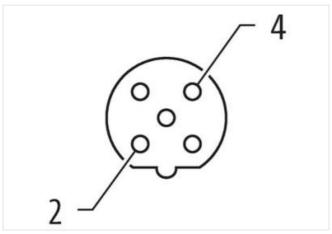
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

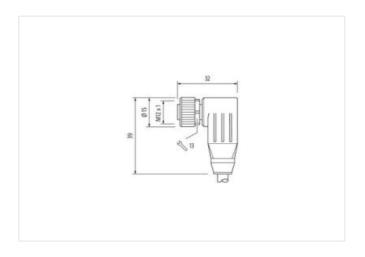
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 m

Side 1



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
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	4048879344173
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	
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   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
Important installation notes	
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	<b>Attention:</b> 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)

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: 2024-05-19



stay connected

841
violet
cURus
1
2 wires with 2 Filler twisted
copper braid, tinned
85 %
Fleece, Foil
yes
red, green
70,4 g/m
PUR
87 ± 3 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
7,7 mm
±5%
2
2,55 mm
±5%
60 ± 3 Shore D
lead-free, cadmium-free, CFC-free, halogen-free
19
24 AWG
24 AWG
Stranded copper wire, bare
5 m @ 25 °C   horizontal
300 V
to DIN VDE 0298-4
4,5 A
72,2 Ω/km @ 20 °C
2 kV @ 60 s
29000 pF/km
2 kV @ 60 s
2 kV @ 60 s
-40 °C
80 °C
80 °C -20 °C
-20 °C
-20 °C 70 °C
-20 °C 70 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
-20 °C 70 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Good, application-related testing
-20 °C  70 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing
-20 °C  70 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404