

M12 female 90° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 7m

PROFIBUS

Female 90°

M12, 2-pole

B-coded

shielded

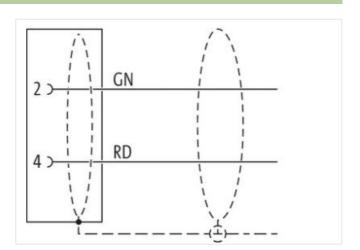
Plastic housings with good resistance against chemicals and oils.

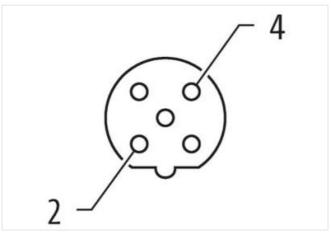
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

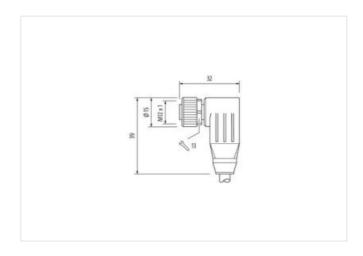
Link to Product

Illustration









Product may differ from Image













Cable length

7 m

Side 1



stay connected

Mouring method Inserted, screwed Family constitution from M12 M12	Tightening torque	0,6 Nm
Funity construction form M12 x 1 Neward M12 x 1 Coding B Material PUR Width across files SW13 Degree of protection (EN IEC 60529) IPS, PPGK, IP67 Commercial date Commercial date ECLASS-6.1 27068097 ECLASS-6.1 27068097 ECLASS-7.0 27060097 ECLASS-8.0 27060097 ECLASS-1.1 27060097 ECLASS-1.2 27060097 ECLASS-1.3 27060097 ECLASS-1.4 27060097 ECLASS-1.5 27060097 ECLASS-1.1 27060097 ECLASS-1.2.0 27060097 ECLASS-1.1 27060097 ECLASS-1.2.0 27060097 ETIM-5.0 EOS CELASS-1.0.1 370700097 ETIM-5.0 EOS Declaration under murber 5544200 Correction yorking purble 56 V Operating voltage QUI. Listed 30 V Operating voltage QUI. Listed 30 V <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
Coding B Material PUR Worth across flats SW13 Degree of protection (EN IEC 6052s) IP95, IP66K, IP67 Commercial data Full Commercial data ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 9.0 27060307 ECLASS 9.0 27060307 ECLASS 1.1 27060307 ECLASS 1.2.0 27060307 ECLASS 1.1.0 27060307 ECLASS 1.2.0 27060307 ETM-5.0 ECO01855 COLASS 1.2.0 27060307 ETM-5.0 ECO01855 COLASS 1.2.0 40488791979822 Packaging unit 6 Electrical data Supply V Operating voltage AC Cita-Listed 30 V Operating voltage AC Cita-Listed 30 V Operating voltage AC (Listed) 30 V Operating voltage DC (Listed) 30 V Operating portional max 4 A Additional condition protection degree inserted, screwed	Family construction form	M12
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Product standard DIN EN 61076-2-101 (M12)	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: 2024-05-03



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
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
Nominal voltage AC max.	250 V
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
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	30000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	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
Travel speed (C-track)	5 Mio. @ 25 °C