

M12 female 90° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 10m

PROFIBUS

Female 90°

M12, 2-pole

B-coded

shielded

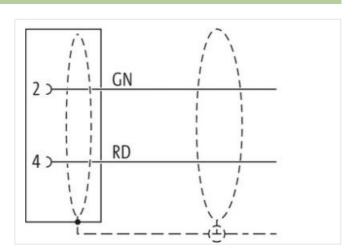
Plastic housings with good resistance against chemicals and oils.

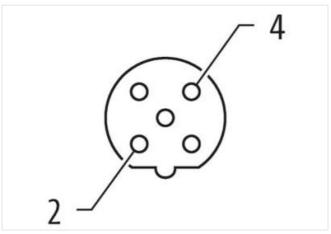
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

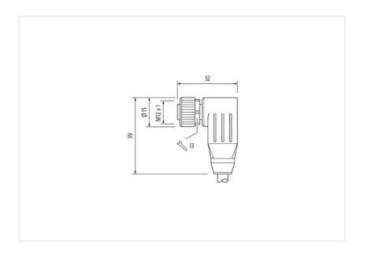
Link to Product

Illustration









Product may differ from Image













Cable length

10 m

Side 1



stay connected

Mounting method	Tightening torque	0,6 Nm
Family construction form M12 x 1 Thread M12 x 1 Coding B Material PUR Width across fass SW19 Degree of protection (EN IEC 00529) IPD5, IPP0K, IPP0 Commercial dats Commercial dats ECLASS-8.0 27063077 ECLASS-8.1 27060007 ECLASS-9.0 27060007 ECLASS-1.1 27060007 ECLASS-1.2 27060007 ECLASS-1.1 27060007 ECLASS-1.2 270000007 ECLASS-1.1 27060007 ECLASS-1.2 270000007 ETIM-5.0 ECHASS-1.2 COLASS-1.2.0 ECON 1855 GOTIN 4048873944203 Packaging unit 1 Departing voltage CD That. 60 Y <th< td=""><td>Mounting method</td><td>inserted, screwed</td></th<>	Mounting method	inserted, screwed
Coding B Material PUR Material PUR With across flats SW13 Commercial data FUR ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.3 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ETIM-8.0 ECORISES Use outsoms lard mumber 69-44290 GTIN 404887344203 Packaging unit 1 Electrical data Supply V Operating voltage AC max 60 V Operating voltage AC max 60 V Operating voltage AC incl. islend 30 V Operating voltage AC incl. islend 30 V Operating voltage AC incl. islend 4 A Institution Connection Mumberial group (IEC 60664-1) Mouring group flow cont	Family construction form	M12
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Width across files SW13 Degree of protection (PRI IEC 60529) 1P68, IP68K, IP67 Commercial date Possible of Processor (PRI IEC 60529) PR68, IP67 ECLASS 6.0 27061801 PR08, IP68, IP67 ECLASS 6.1 27060307 PR08, IP68, IP67 ECLASS 7.0 27060307 PR08, IP68, IP67 ECLASS 9.0 27060307 PR08, IP68, IP67 ECLASS 10.1 27060307 PR08, IP68, IP67 ECLASS 11.1 27060307 PR08, IP68, IP67 ECLASS 12.0 27060307 PR08, IP68, IP68, IP67 ETIM 5.0 ECO91955 PR08, IP68,	Coding	В
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		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
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: 2024-05-02



stay connected

Installation Cable	
Cable identification	841
Jacket Color	violet
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with 2 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	red, green
Cable weigth	70,4 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7,7 mm
Tolerance outer diameter (sheath)	± 5 %
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	60 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	72,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	29000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
i idilie l'esistatice	Cond application valeted testing
chemical resistance	Good, application-related testing
	Good, application-related testing
chemical resistance	
chemical resistance Gasoline resistance	Good, application-related testing
chemical resistance Gasoline resistance Oil resistance	Good, application-related testing Good, application-related testing DIN EN 60811-404