

M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 6.5m

PROFIBUS

Female straight

M12, 2-pole

B-coded

shielded

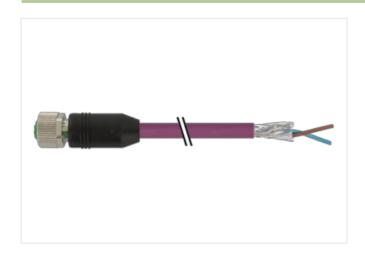
Plastic housings with good resistance against chemicals and oils.

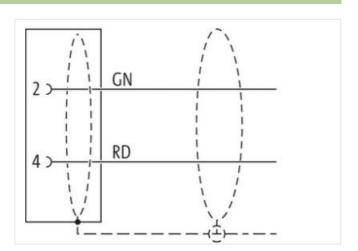
The resistance to aggressive media should be individually tested for your application. Further details on request.

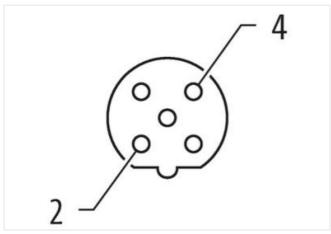
Further cable lengths on request.

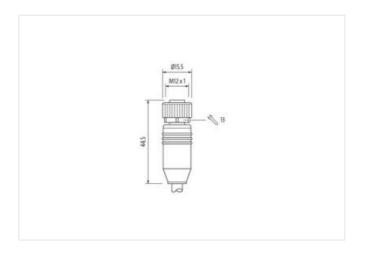
Link to Product

Illustration









Product may differ from Image













Cable length

6,5 m

Side 1



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding B Material PUR Width across flats SW13	
Thread M12 x 1 Coding B Material PUR Width across flats SW13	
Coding B Material PUR Width across flats SW13	
Material PUR Width across flats SW13	
Width across flats SW13	
Decree of contesting (EN IEO 00500) IDOS IDOSK IDOS	
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	
customs tariff number 85444290	
GTIN 4065909056011	
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)	
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 min25 °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	ge of cable ties.



stay connected

Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
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