

## M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG23 shielded vt UL/CSA+robot 3m

**PROFIBUS** 

Female straight

M12, 2-pole

B-coded

shielded

Plastic housings with good resistance against chemicals and oils.

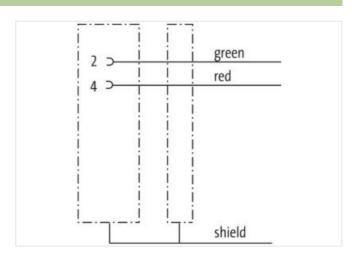
The resistance to aggressive media should be individually tested for your application. Further details on request.

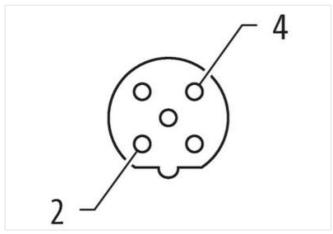
Further cable lengths on request.

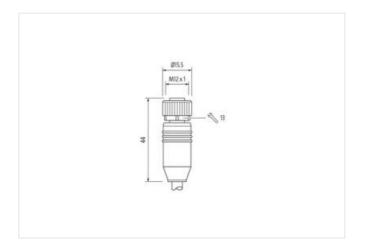
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

3 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	4048879478380
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	Niekolod
Coating locking	Nickeled
Coating of fitting  Locking material	nickel plated
Material screw connection	Zinc die-casting
	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature min.  Operating temperature max.	85 °C
Operating temperature min.	
Operating temperature min.  Operating temperature max.	85 °C



stay connected

Installation   Cable	
Cable identification	843
Jacket Color	green
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
Drain wire (cross-section)	0,14 mm <sup>2</sup>
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	79,2 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	2,6 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	23 AWG
Conductor crosssection (wire)	23 AWG
Drain wire (cross-section)	0,14 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	
Traversing distance (G-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	10 m @ 25 °C   horizontal to DIN VDE 0298-4
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max.	to DIN VDE 0298-4 3 A 59,4 Ω/km 300 V
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	to DIN VDE 0298-4 3 A 59,4 Ω/km
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max.	to DIN VDE 0298-4 3 A 59,4 Ω/km 300 V
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s  -50 °C
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s  -50 °C  80 °C  -30 °C
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s  -50 °C  80 °C  -30 °C
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s  -50 °C  80 °C  -30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	to DIN VDE 0298-4  3 A  59,4 Ω/km  300 V  0,8 kV @ 60 s  1,2 kV @ 60 s  -50 °C  80 °C  -30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing
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