

## M12 female recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 3m

Flange female M12, 2-pole B-coded shielded

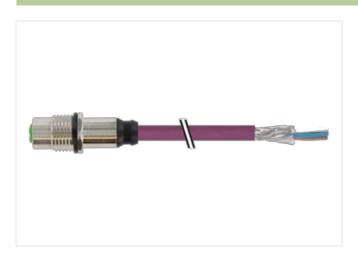
Rear mounting

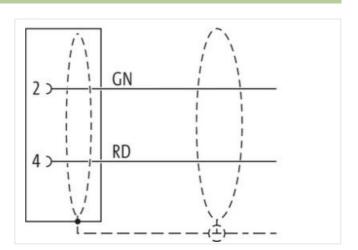
Further cable lengths on request.

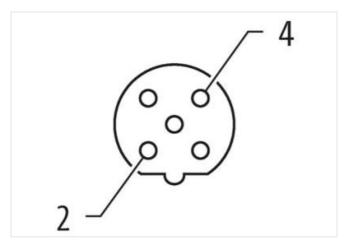
The resistance to aggressive media should be individually tested for your application. Further details on request.

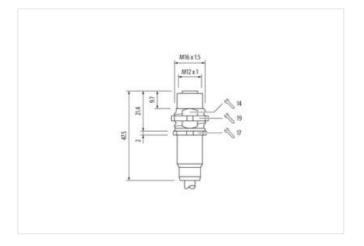
## **Link to Product**

## Illustration









Product may differ from Image



Cable length 3 m

Side 1

0,6 Nm Tightening torque



stay connected

gold plated	
M12	
M12 x 1	
В	
Copper alloy	
Brass	
2	
IP67	
20 mm	
gold plated	
27279221	
COM	
44	
no	
20 mm	
M16 x 1.5	
SW19	
3, 4, 6P	
inserted, screwed	
3	
1,5 kV	
I	
nickel plated	
nickel plated	
FKM	
Brass	
Brass	
Schraubgewinde	
	M12 x 1 B Copper alloy Brass 2 IP67  20 mm gold plated  27279221 27279220 27440103 27440103 27440103 27440103 27440103 1 27440103 1 27440103 1 27440103 1 27440103 1 27440103 2 2 440103 2



stay connected

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.
Approvals	
JL 50E	yes
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 (type)  Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	
Cable weigth	red, green 70,4 g/m
Material jacket	PUR
<u> </u>	87 ± 3 Shore A
Shore hardness jacket 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 insulation  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
<u> </u>	24 AWG
Diameter of single wires	
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.	
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire Electrical resistance line constant wire	4,5 A
	72,2 Ω/km @ 20 °C 2 kV @ 60 s
AC withstand voltage (wire - wire)  Electric capacitance	2 KV @ 60 S 29000 pF/km
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   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)	7,5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C