

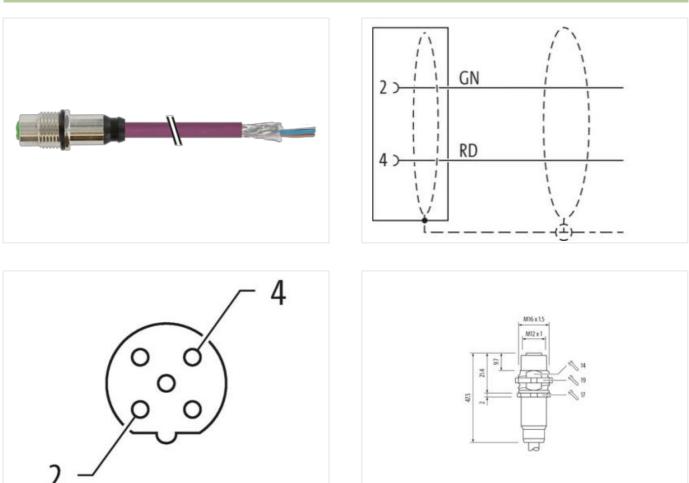
M12 female recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 7.5m

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





Product may differ from Image

Cable length	7,5 m		
Side 1			
Tightening torque	0,6 Nm		
nformation in this Product-PDF has been comp	piled with the utmost care.		

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	В
Material contact	Copper alloy
Material	Brass
No. of poles	2
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279221
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879516372
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection Electrical	
Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed 3
Pollution Degree	
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	nickel plated
Coating of fitting Material gasket	nickel plated FKM
Locking material	Brass
Material screw connection	Brass
Mechanical data Mounting data	Cohenchennische
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics Climatic	>
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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 strain relief	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		
Note on bending radius	endangered by excessive bending forces.		
Approvals			
UL 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 (coverage)	85 %		
Banding	os % Fleece. Foil		
Filler			
-	yes		
wire arrangement Traversing distance (C-track)	red, green 5 m @ 25 °C horizontal		
Cable weigth	70,4 g/m		
	PUR		
Material jacket	87 ± 3 Shore A		
Shore hardness jacket Freedom from ingredients (jacket)			
	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket) Tolerance outer diameter (sheath)	7,7 mm		
,	±5% 2		
Amount wires			
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		
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		
chemical resistance	Good, application-related testing		
Gasoline resistance	Good, application-related testing		

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Bending radius (fixed)

7,5 x Outer diameter 12 x Outer diameter

Bending radius (dynamic) Travel speed (C-track)

5 Mio. @ 25 °C