M12 female recept. B-cod. rear

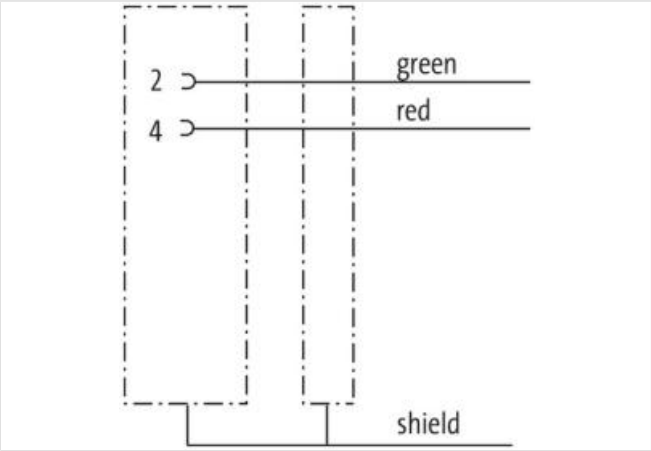
PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 10m

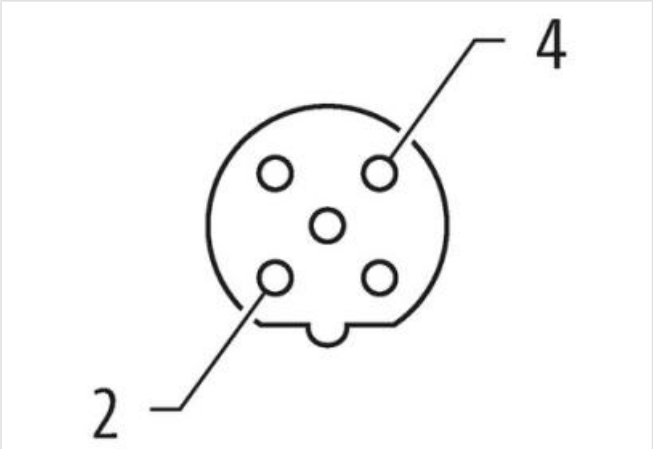
Flange female
M12, 2-pole
B-coded
shielded
Rear mounting
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Länk till produkt

Illustration







Produkten kan skilja sig från bilden

Cable length	10 m
Side 1	
Tightening torque	0,6 Nm

MURR ELEKTRONIK
stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	B
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
Kommersiella uppgifter	
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
Förpackningsenhet	1
GTIN	4048879516396
Kundens tullnummer	85444290
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
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data | Material data	
Coating locking	nickel plated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Brass
Material screw connection	Brass
Mechanical data | Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics | Climatic	

MURR ELEKTRONIK
stay connected

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
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	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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
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
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
Nominal voltage power AC max.	300 V
Electric capacitance (power)	29000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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
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