

M12 female recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1.5m

Flange female M12, 2-pole B-coded shielded

Rear mounting

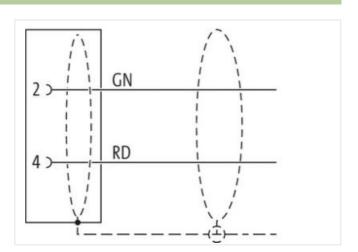
Further cable lengths on request.

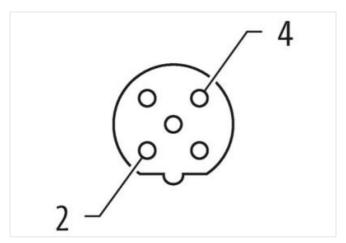
The resistance to aggressive media should be individually tested for your application. Further details on request.

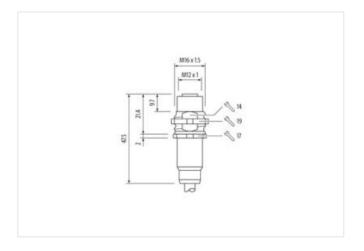
Link to Product

Illustration









Product may differ from Image



1,5 m Cable length

Side 1

0,6 Nm Tightening torque



stay connected

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	4048879513944
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
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1,0 KV
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 Climati	



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	Attention: 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	
•	841
Cable identification Jacket Color	
Type of Certificate	violet cURus
Amount stranding	1
<u> </u>	2 wires with 2 Filler twisted
Stranding Cable shielding (type)	copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	85 %
Banding	Fleece. Foil
Banding Filler	·
	yes rod groop
wire arrangement Traversing distance (C-track)	red, green 5 m @ 25 °C horizontal
Cable weigth	70,4 g/m
	PUR
Material jacket Shore hardness jacket	87 ± 3 Shore A
•	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 7,7 mm
Outer-diameter (jacket) 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
	19
Amount strands (wire)	
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare 300 V
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
Win. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature (fixed)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance chemical resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing 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