

M12 female recept. A-cod. shielded rear

PUR 4x0.34 shielded gy UL/CSA+drag ch. 0.3m

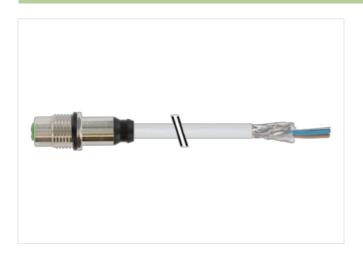
Flange female M12, 4-pole shielded Rear mounting

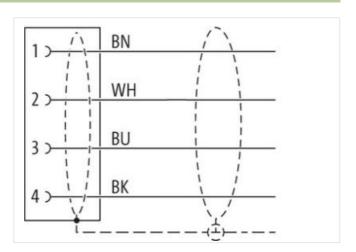
Further cable lengths on request.

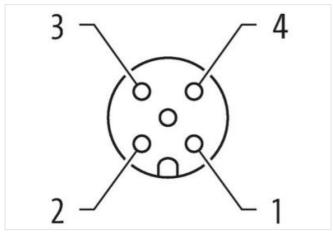
The resistance to aggressive media should be individually tested for your application. Further details on request.

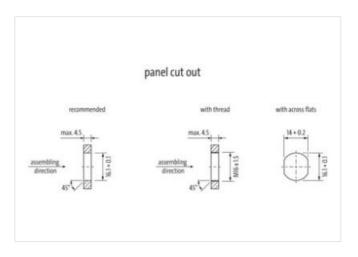
Link to Product

Illustration









Product may differ from Image











Cable length

0,3 m

Side 1

Tightening torque 0,6 Nm



stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Brass
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
	07070000
ECLASS-6.0	27279220
ECLASS-6.1 ECLASS-7.0	27279220 27440103
ECLASS-7.0 ECLASS-8.0	27440103 27440103
ECLASS-9.0	27440103 27440103
ECLASS-9.0 ECLASS-10.1	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879520881
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	
	20 mm
Stripping length (jacket) Mounting set	M16 x 1.5
Width across flats	SW19
	3W15
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 Climati	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-31



-25 °C Operating temperature min. 85 °C Operating temperature max. 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. 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 wire arrangement brown, black, blue, white Cable identification 241 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding Stranding 4 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Fleece, Foil Banding wire arrangement brown, black, blue, white Cable weigth 50,6 g/m PUR Material jacket Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,3 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm ±5% Outer diameter tolerance core insulation Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire 2 kV @ 60 s iacket) AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2 chemical resistance Good, application-related testing

Gasoline resistance

Good, application-related testing



Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min