

M12 male recept. A-cod. shielded rear

PUR 4x0.34 shielded bk UL/CSA+drag ch. 1.5m

Flange male

M12, 4-pole

shielded

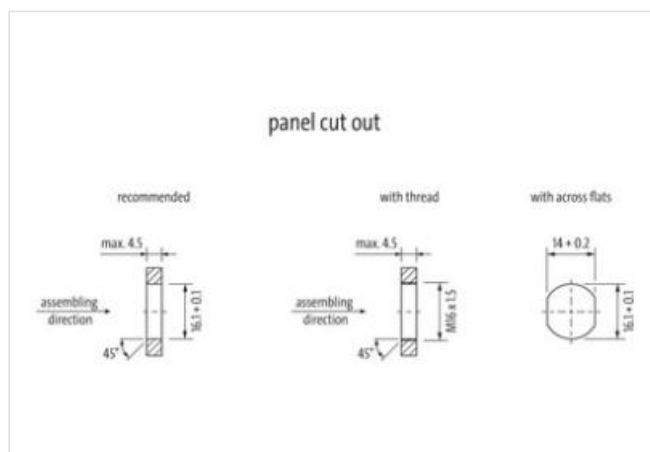
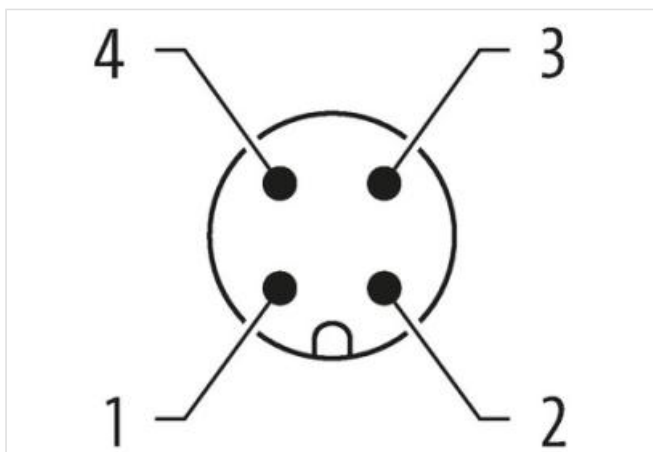
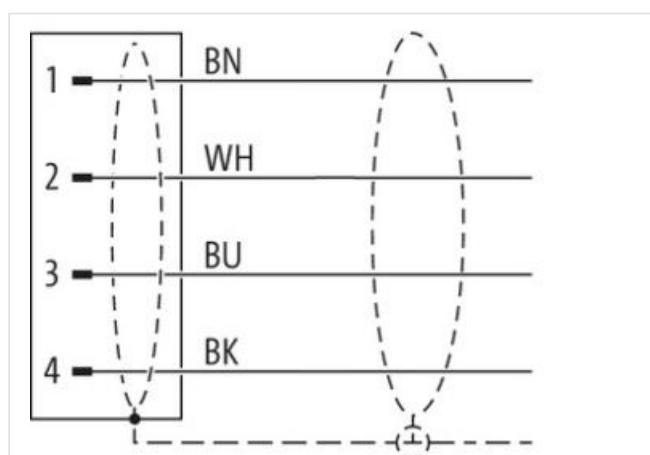
Rear mounting

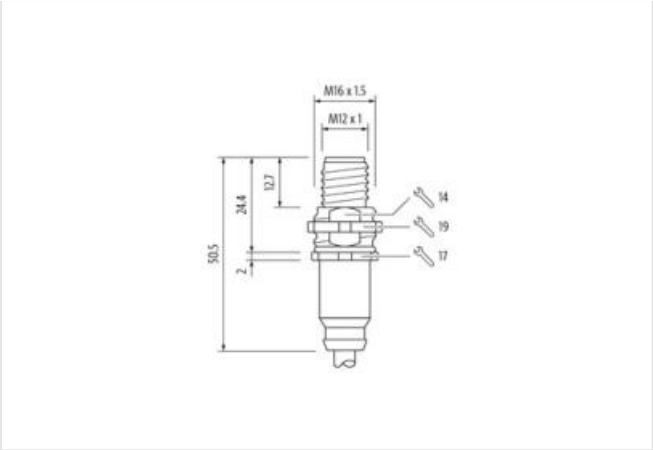
Further cable lengths on request.

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

Linkki tuotteeseen

Kuvat





Tuote voi erota kuvassa olevasta



Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
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
Kaupalliset tiedot	
ECLASS-6.0	27279220
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
GTIN	4048879775588
Pakkauskoko	1
Tullinumero	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
 Locking material Brass
 Material screw connection Brass

Mechanical data | Mounting data

Mounting method Schraubgewinde
 Looking techniques Schraubgewinde

Environmental characteristics | Climatic

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 641
 Cable Type 3
 Jacket Color black
 Type of Certificate cURus
 Amount stranding 1
 Stranding 4 wires twisted
 Cable shielding (type) copper braid, tinned
 Cable shielding (coverage) 80 %
 Banding Fleece, Foil
 wire arrangement brown, black, blue, white
 No. of bending cycles (C-track) 5 Mio. @ 25 °C
 Cable weight 50,6 g/m
 Material jacket PUR
 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
 Outer diameter tolerance core insulation ± 5 %
 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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
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 / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m