

M12 female recept. A-cod. shielded rear

PUR 5x0.34 shielded bk UL/CSA+drag ch. 1m

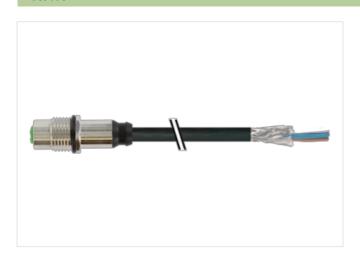
Flange female M12, 5-pole shielded Rear mounting

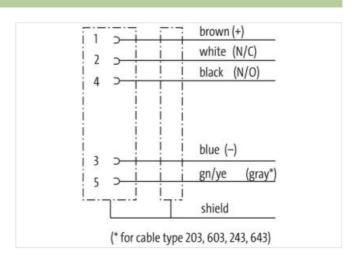
Further cable lengths on request.

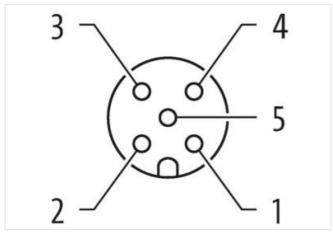
The resistance to aggressive media should be individually tested for your application. Further details on request.

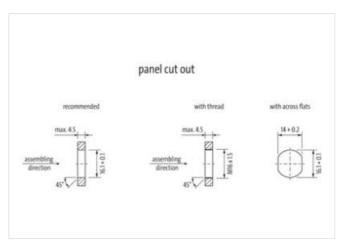
Link to Product

Illustration









Product may differ from Image











Cable length

1 m

Side 1

Tightening torque 0,6 Nm



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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	5
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
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
customs tariff number	85444290
GTIN	4048879529433
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	20 mm M16 x 1.5
Width across flats	SW19
	3W19
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)	
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	



stay connected

Depending temperature mass: 85 °C decidence of confident importanter range depending on cable quality Approvate UL 50E Installation Cable Installation	Operating temperature min.	-25 °C
Additional condition temperature range Approvals Us 500 Us 500 Installation Cable		
Name		
Installation Cable		aspensing on easie quality
Installation Cable Cable Identification 642 Cable Impre 3 Jackot Cotor black Type of Dentificate cUPus Amount stranding 1 Stranding 5 wires around Core lifter twisted Cable shielding (pype) copper braid, smed Cable shielding (pype) copper braid Cable shielding (pype) copper braid Cable shielding (pype) copper braid Cable shielding (pype) copp		
Cable identification 642 Cable Type 3 Schet Cofor black Type of Carllicate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Cable shelding (yope) copper braid, thread Cable (young) 80 % Banding Fleece, Foll Filter yes Wire grangement brown, black, blus, white, green-yellow No or bending cycles (C-track) 5 Mo. @ 25 °C Cable weigh 57.2 gm Malerial wire shallow 90 ± 5 Shore A Freedom from ingredients (glacket) 5.6 mm Tollar-diameter (glacket) 5.6 mm Tollar-diameter (glacket) 5.7 mm Outer diameter (glacket) 5.8 mm Duter diameter (glacket) 1.25 mm Duter diameter (glacket) 1.25 mm <	UL 50E	yes
Cable Type 3 Lacket Color Disuk Lacket Color Disuk Disuk Jacket Color Disuk Amount stranding 1 Stress around Core filler twisted Cable shielding (type) So % Bandring Floreou, Foll Filler Yes Weire arrangement Down, black, blue, white, green-yellow No. of bending cycles (C-track) S Mio. @ 25 °C Cable weight S7.2 pm Makerial jacket PUR Shore hardness jacket PUR Shore hardness jacket Seed of Fee, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (tacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter insulation PP Amount wires Duter diameter insulation 1,25 mm Duter diameter ins	Installation Cable	
Jacket Color Type of Certificate URUS Amount stranding 1 Stranding 5 wires around Core filler twisted Cable shelding (type) Cable (type) Cable shelding	Cable identification	642
Type of Certificate cURus Amount stranding 1 copper braid, inned Cable shielding (type) copper braid, inned Cable shielding (coverage) 80 % Sable dishielding (coverage) 80 % Sa	Cable Type	3
Amount stranding 5 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foll Filler yes Banding Fleece, Foll Filler yes Wire arrangement brown, black, blue, white, green-yellow No. of bending cyteles (C-track) 5 Mo. @ 25 °C Cable weight 57.2 g/m Material picket Freedom from ingredients (garket) 1928 Cable weight 57.2 g/m Material picket Freedom from ingredients (garket) 1928 Cable weight 57.2 g/m Material picket Freedom from ingredients (garket) 1928 Cable weight 55.6 mm Coller-diameter (glocket) 5.6 mm Coller-diameter (glocket) 2.5 % Material wire insulation PP Mater	Jacket Color	black
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Parading	Cable shielding (type)	copper braid, tinned
Fleece, Foil yes		
Filler	Banding	Fleece, Foil
wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 5 Mio @ 25 °C Cable weight 57.2 g/m Material jacket PUR Shore hardness jacket Freedom from injerdeints (jacket) Duter-diameter (jacket) 5.6 mm Tolerance outser diameter (sheath) ± 5 % Material wire nustation PP Amount wires 5 Couter diameter insulation PP Amount wires 5 Couter diameter tolerance core insulation 70 ± 5 Shore D Injerdeint freeness wire insulation 70 ± 5 Shore D Injerdeint freeness wire insulation 70 ± 5 Shore D Injerdeint freeness wire insulation 1.25 mm Conductor type (wire) Diameter of single wires 0.1 mm Conductor crosssection (wire) Conductor orosssection (wire) Conductor type (wire) strand class 6 Traversing distance (C-track) Current load capacity (standard) Current load capacity (wine - shield) AC willstand voltage power (wire - wire) Diameter (shield) AC willstand voltage power (wire - wire) Diameter (shield) AC willstand voltage power (wire - wire) Diameter (shield) AC willstand voltage power (wire - wire) Diameter (shield) AD (Shield)	Filler	· · · · · · · · · · · · · · · · · · ·
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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 UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing		
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Max. operating temperature (fixed) 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 UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 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	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 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	Operating temperature min. (dynamic)	-25 °C
Flame resistance UL 1581 § 1090 IEC 60332-2-2 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	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 Good, application-related testing	chemical resistance	Good, application-related testing
	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	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