

## M12 female recept. A-cod. shielded rear

PVC 5x0.34 shielded bk UL/CSA 0.9m

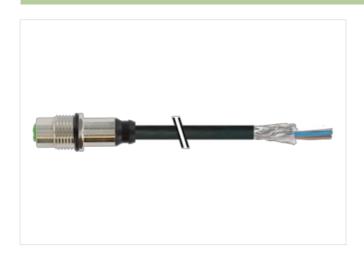
Flange female M12, 5-pole shielded Rear mounting

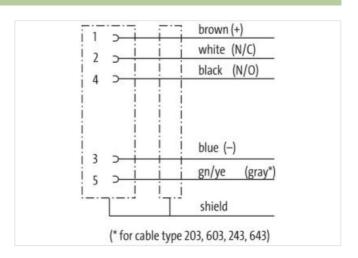
Further cable lengths on request.

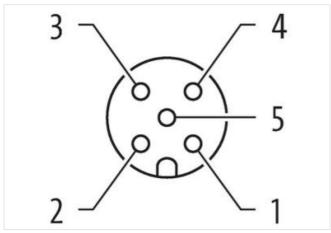
The resistance to aggressive media should be individually tested for your application. Further details on request.

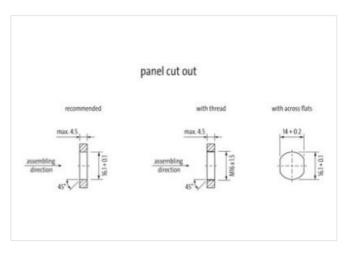
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

0,9 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 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 4048879570046 Packaging unit 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) Mechanical data | Material data Coating locking nickel plated Coating of fitting nickel plated Material gasket FKM Locking material Brass Brass Material screw connection Mechanical data | Mounting data Mounting method Schraubgewinde Looking techniques Schraubgewinde

Environmental characteristics | Climatic

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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	<b>Attention:</b> 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	
Cable identification	602
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type)	80 %
<u> </u>	Fleece, Foil
Banding Filler	
wire arrangement	yes brown, black, blue, white, green-yellow
Wire arrangement  Cable weigth	brown, black, blue, wnite, green-yellow 68,2 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
<u> </u>	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Folerance outer diameter (sheath)  Material wire insulation	±5% PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter insulation  Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
<u> </u>	
Amount strands (wire) Diameter of single wires	19
	0,15 mm
Conductor crosssection (wire)  Material conductor wire	0,34 mm² Stranded copper wire, hare
Conductor type (wire)	Stranded copper wire, bare Strand class 5
	300 V
Nominal voltage AC max.  Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	4,5 A
Electrical resistance line constant wire	4,5 A 57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire -	
acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2

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Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter