

M12 female recept. A-cod. shielded rear

PVC 5x0.34 shielded bk UL/CSA 1.5m

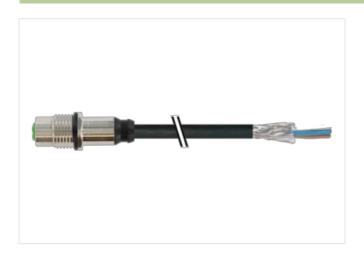
Flange female M12, 5-pole shielded Rear mounting

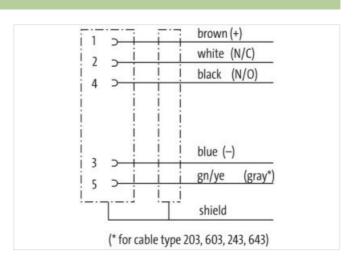
Further cable lengths on request.

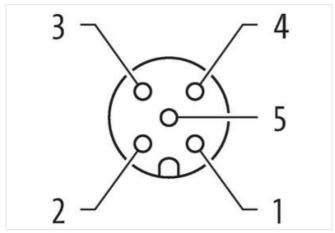
The resistance to aggressive media should be individually tested for your application. Further details on request.

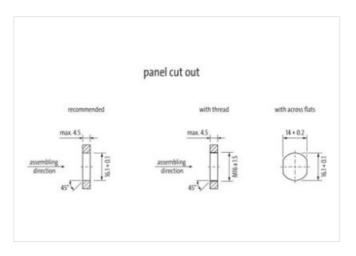
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 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	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 ECLASS-7.0	27279220 27440103
ECLASS-7.0	27440103 27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-10.1	27440103
ECLASS-11.1 ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879529372
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)	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 Climatic	

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: 2024-05-18



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	
Cable identification	602
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
	5 wires around Core filler twisted
Stranding 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
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%
	45 ± 5 Shore D
Shore hardness wire insulation 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
<u> </u>	0,15 mm
Conductor crosssection (wire) Material conductor wire	0,34 mm² Stranded copper wire, hare
	Stranded copper wire, bare Strand class 5
Conductor type (wire)	Strand class 5
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
UV 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