

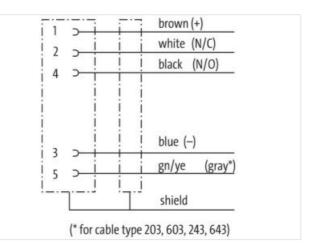
M12 female recept. A-cod. shielded rear

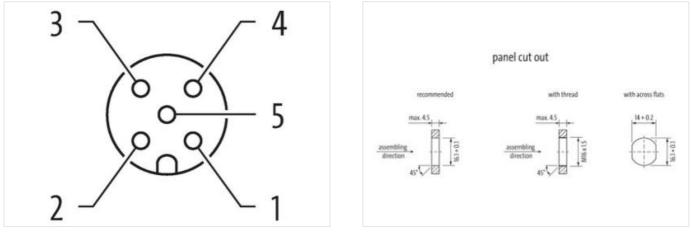
PVC 5x0.34 shielded bk UL/CSA 2m

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







Product may differ from Image



Cable length	2 m	
Side 1		
Tightening torque	0,6 Nm	

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: 2024-05-07



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-8.0	27440103
ECLASS-9.0 ECLASS-10.1	27440103
	27440103
ECLASS-11.1	27440103
ECLASS-12.0 ETIM-5.0	27440103
	EC001855 85444290
customs tariff number GTIN	
	4048879529389
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
Material screw connection	Brass
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics Climatic	

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Operating temperature min. Operating temperature max.	-25 °C 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	
ç		
Stranding Cable shielding (type)	5 wires around Core filler twisted	
	copper braid, tinned	
Cable shielding (coverage)		
Banding Filler	Fleece, Foil	
	yes	
vire arrangement	brown, black, blue, white, green-yellow	
Cable weigth	68,2 g/m	
Material jacket	PVC	
Shore hardness jacket	85 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
Duter-diameter (jacket)	5,6 mm	
Folerance outer diameter (sheath)	±5%	
Material wire insulation	PVC	
Amount wires	5	
Duter diameter insulation	1,25 mm	
Duter 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	
Amount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm²	
Naterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	4,5 A	
lectrical resistance line constant wire	57 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s	
C withstand voltage (wire - shield)	2 kV @ 60 s	
lin. operating temperature (static)	-30 °C	
Aax. operating temperature (fixed)	0° 08	
Dperating temperature min. (dynamic)	-5 ℃	
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	
	Good, application-related testing	

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Gasoline resistance

Good, application-related testing

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