

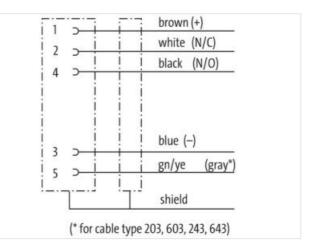
## M12 female recept. A-cod. shielded rear

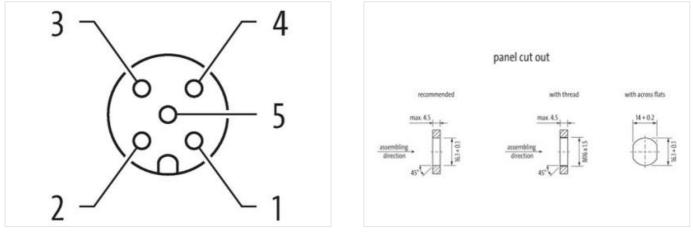
PVC 5x0.34 shielded bk UL/CSA 3m

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	3 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	Α
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-0.1 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	
	4048879529396
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	
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	Cabaan in a second a
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics   Climatic	

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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
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
vire arrangement	brown, black, blue, white, green-yellow
Cable weigth	68,2 g/m
laterial 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
olerance 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
Naterial 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 mm <sup>2</sup>
Naterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Iominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	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
Ain. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
	-5 °C
Derating temperature min. (dynamic)	
Operating temperature min. (dynamic)	80 °C
Dperating temperature max. (dynamic)	80 °C DIN EN ISO 4892-2 A
Derating temperature min. (dynamic) Derating temperature max. (dynamic) JV resistance Flame resistance	80 °C DIN EN ISO 4892-2 A IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2

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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

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