

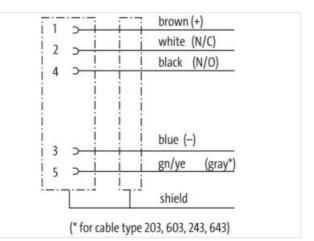
## M12 female recept. A-cod. shielded rear

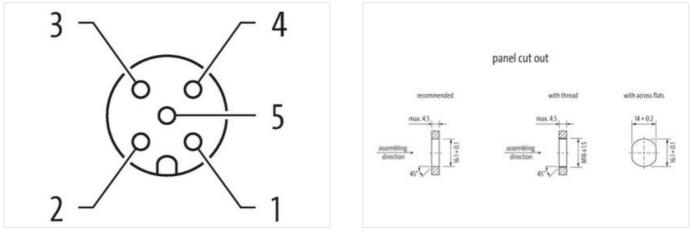
PUR 5x0.34 shielded gy UL/CSA+drag ch. 1.5m

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







Product may differ from Image



Cable length	1,5 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	27279220	
ECLASS-0.1 ECLASS-7.0	27440103	
ECLASS-7.0 ECLASS-8.0	27440103 27440103	
ECLASS-9.0 ECLASS-10.1	27440103 27440103	
ECLASS-10.1 ECLASS-11.1		
	27440103	
ECLASS-12.0 ETIM-5.0	27440103	
	EC001855	
customs tariff number	85444290	
GTIN	4048879529327	
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 Pollution Degree	inserted, screwed	
-	3	
Rated surge voltage Material group (IEC 60664-1)	1,5 kV	
	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.	-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	
UL 50E	yes
Installation   Cable	
Cable identification	242
Cable Type	3
Jacket Color	gray
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
wire arrangement	brown, black, blue, white, green-yellow
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	57,2 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal 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 - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	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 ℃
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing

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Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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