

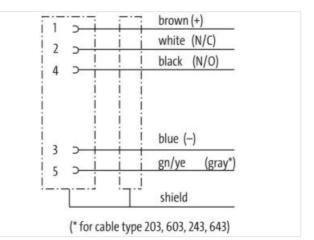
M12 female recept. A-cod. shielded rear

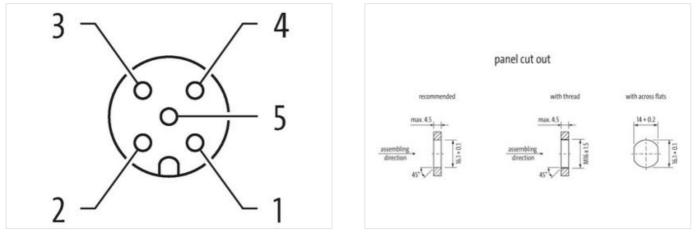
PUR 5x0.34 shielded gy UL/CSA+drag ch. 0.6m

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	0,6 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	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	27279220		
ECLASS-7.0	27440103		
ECLASS-8.0	27440103		
ECLASS-9.0	27440103		
ECLASS-10.1	27440103		
ECLASS-10.1	27440103		
ECLASS-12.0	27440103		
ETIM-5.0	EC001855		
customs tariff number	85444290		
GTIN	4048879529303		
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	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 ²
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 °C
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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