

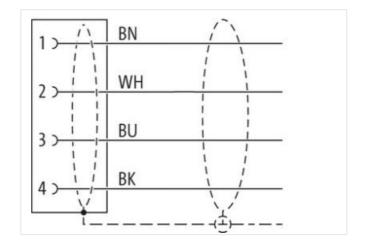
M12 female recept. A-cod. shielded rear

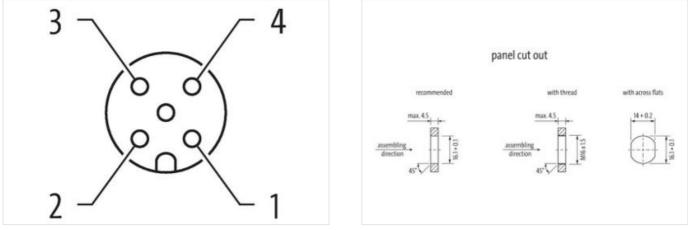
PUR 4x0.34 shielded gy UL/CSA+drag ch. 1m

Flange female M12, 4-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



1 m	
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	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
	gold plated
Commercial data	
	27279220
	27279220
	27440103
	27440103 27440103
	27440103 27440103
	27440103
	27440103
	27440103
	EC001855
	85444290
	4048879520904
Packaging unit	1
Electrical data Supply	
	60 V
	60 V
	4 A
Diagnostics	
	no
Installation Connection	
	20 mm
0	M16 x 1.5
	SW19
Device protection Electrical	
	3, 4, 6P
·	inserted, screwed
	3
	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data Material data	
	nickel plated
	nickel plated
	FKM
	Brass
Material screw connection	Brass
Mechanical data Mounting data	
Mounting method	Schraubgewinde
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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	,
	041
Cable identification Cable Type	241 3
Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	50,6 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) Tolerance outer diameter (sheath)	5,3 mm ± 5 %
Material wire insulation	± 5 %
	4
Amount wires Outer diameter insulation	4 1.25 mm
	±5%
Outer diameter tolerance core insulation	
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	4,8 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	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing

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Oil resistance	DIN EN 60811-404 Good, application-related testing
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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