

M12 female recept. A-cod. shielded rear

PUR 5x0.34 shielded gy UL/CSA+drag ch. 0.3m

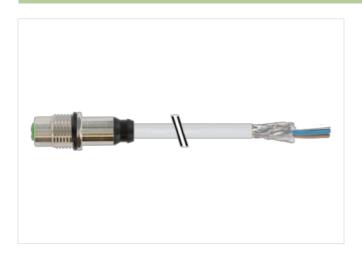
Flange female M12, 5-pole shielded Rear mounting

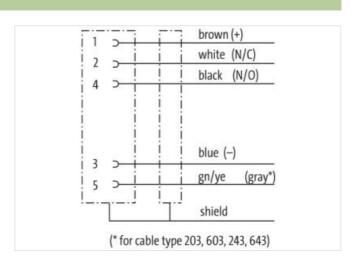
Further cable lengths on request.

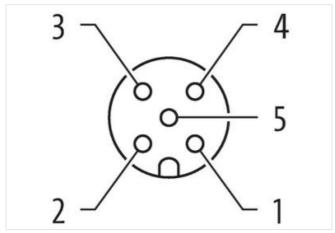
The resistance to aggressive media should be individually tested for your application. Further details on request.

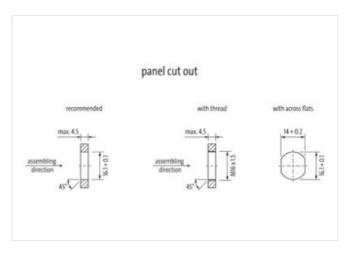
Link to Product

Illustration









Product may differ from Image











Cable length

0,3 m

Side 1

Tightening torque 0,6 Nm



stay connected

Ceating contented from M12 Timead M12 x 1 Coding A Water of content of M2 x 1 Coding A Mater of Content Mater of Content (EN IEC 60529) Pages of protection (EN IEC 60529) Side 2 Simple plangth (jacket) 20 mm Coating contact gold pated Cottage contact gold pated ECLASS-6.0 27279220 ECLASS-6.1 27279220 ECLASS-6.2 27279220 ECLASS-7.1 27440103 ECLASS-8.9 27440103 ECLASS-9.1 27440103 ECLASS-9.2 27440103 ECLASS-1.1 27440103 ECLASS-1.2.0 27440103 ECLASS-1.2.0 27440103 ECLASS-1.2.0 27440103 ECLASS-1.2.0 27440103 ETIM-S.D. ECODIESS Contract growth mumber 8944200 GTIN 404897622193 Polacing under growth mumber 1 Electrical data Supply Correct operating per contact max. 4 A <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Terestal	Coating contact	gold plated
Coding A Material contact Copper alloy Material policy Brass No. of poles 5 Degree of protection (EN IEC 60529) 1P67 Side 2 Stroping length (scherl) 20 mm Commercial data ECLASS-6.0 27272920 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.2 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.2 27440103 ECLASS-1.2 27440103 ECLASS-1.3 27440103 ECLASS-1.2 27440103 ECLASS-1.2 27440103 ECLASS-1.3 27440103	Family construction form	M12
Material	Thread	M12 x 1
Material Brass Prass P	Coding	A
No. of poles	Material contact	Copper alloy
Degree of protection (EN IEC 66529) IP67	Material	Brass
Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 22729220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0.1 27440103 ECLASS-9.1.1 27440103 ECLASS-9.1.1 27440103 ECLASS-1.1.0 27440103 ECLASS-1.1.1 27440103 ECLASS-1.2.0 27440103 ETIM-5.0 EC001855 customs staff number 85444290 GTIN 4048979529198 Packaging unit 1 Electrical data I Suply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Current operating per contact max. 4 A Diagnostics Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M16 x 1.5 Width across flata SW19	No. of poles	5
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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: 2024-05-05



stay connected

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	·
·	040
Cable identification	3
Cable Type	
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1 Fuires around Core filler twisted
Stranding Cable shielding (type)	5 wires around Core filler twisted
Cable shielding (type) Cable shielding (coverage)	copper braid, tinned 80 %
0 (0 /	
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow 5 m @ 25 °C horizontal
Traversing distance (C-track)	
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 - acket)	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



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