

M12 male 0° A-cod. with cable shielded

PVC 5x0.34 shielded gy UL/CSA 2m

Male straight M12, 5-pole shielded

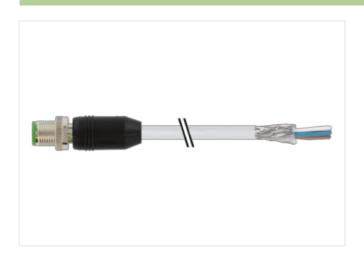
with cable sleeves

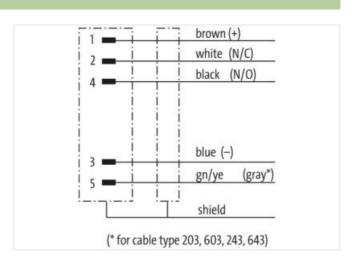
Plastic housings with good resistance against chemicals and oils.

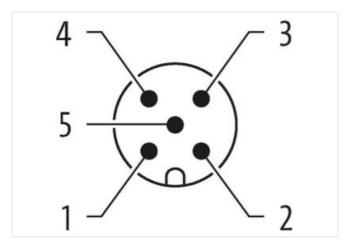
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

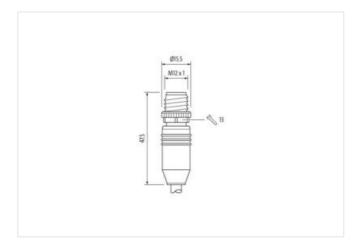
Link to Product

Illustration









Product may differ from Image













Cable length

2 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-03



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Conting content	Mounting method	inserted, screwed
Family construction from M12 miles of the mi		·
Treed		
Coding A Maturial contact Coppor alloy Marinal PUR No. of poles 5 Width across flats SWI3 Degree of protection (EN IEC 60529) IPES, IPESK, IPES Side 2 SWI3 Stripping length (jacket) 20 mm Coating contact gold plated Commercial date ECLASS-0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-1.1 27003311 ECLASS-1.2 27003311 ECLASS-1.2 2700311 ECLASS-1.3 2700311 ECLASS-1.4 2700311 ECLASS-1.5 2700311 ECLASS-1.1 2700311 ECLASS-1.2.0 2700311 ECLASS-1.2.0 2700311 ECLASS-1.2.1 2700311 ECLASS-1.2.1 2700311 ECLASS-1.2.2 2700311 ECLASS-1.2.3 2700311 ECLASS-1.2.3 2700311 ECLASS-1.2.3	· · · · · · · · · · · · · · · · · · ·	
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Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	
Environmental characteristics Climatic	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics Climatic	c



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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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	203
Cable Type	1
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, gray
Cable weigth	68,2 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient 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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing



Oil resistance

DIN EN 60811-404 | Good, application-related testing

Bending radius (fixed)

10 x Outer diameter