

M12 male 0° A-cod. with cable shielded

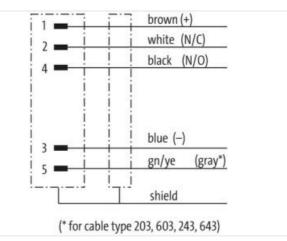
PVC 5x0.34 shielded gy 15m

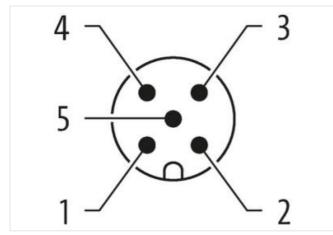
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

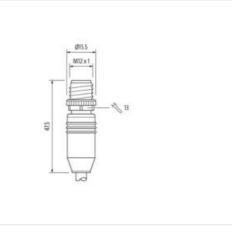
Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

15 m

0,6 Nm

Tightening torque

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: 2024-04-25

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Coating contactgold platedFamily construction formM12ThreadM12 x 1CodingAMaterial contactCooper alloyMaterial contactCooper alloyMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 220 mmStripping length (jacket)20 mmCoating contactgold platedCommercial dataECLASS-6.0ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027260311ECLASS-6.027060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.2.020 mmOperating voltage AC max.60 VOperating voltage AC max.60 VCurrent operating per contact max.4 ADiagnostics3Status indication LEDnoInstallation Connection1Mounting setM12 x 1Device protection ElectricalAdditional condition protection	
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Material screw connection Zinc die-casting Mechanical data Mounting data Image: Casting data	
Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking	protection
Environmental characteristics Climatic	

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: 2024-04-25

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Operating temperature min.	-25 ℃
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076 2 101 (M12)
	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	348
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Stranding factor min.	75 mm
Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	72,05 g/m
Material jacket	PVC
Shore hardness jacket	75 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, CFC-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
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
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 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)	70 °C
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
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)	15 x Outer diameter
Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	70 °C UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404

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: 2024-04-25

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