

M12 male 0° A-cod. with cable shielded

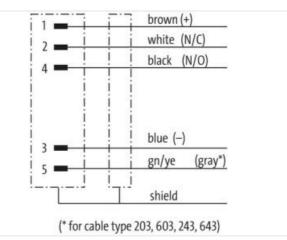
PVC 5x0.34 shielded gy 3m

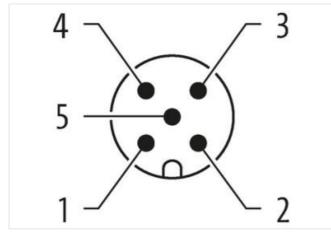
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

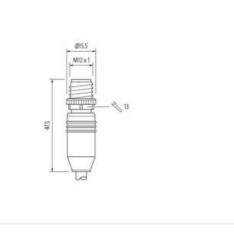
Link to Product

Illustration









Product may differ from Image



Cable length 3 m
Side 1
Tightening torque 0,6 Nm

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Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy Material contact Copper alloy Material contact PUR No. of poles 5 Side access flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side access flats 20 mm Coating contact gold plated Coating contact gold plated ColLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-6.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECOMB875 coustoms tariff number 85444290 GTIN 4048879201124 Packaging unit 1 Electrical data Supply 1 Electrical data Supply 60 V Operating voltage AC max. </th <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
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		-25 °C

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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	348
Jacket Color	
Amount stranding	gray 1
Stranding	5 wires around Core filler twisted
5	75 mm
Stranding factor min. Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (type)	85 %
Sanding	85 % Foil
Filler	
vire arrangement	yes brown, black, blue, white, green-yellow
Cable weigth	72,05 g/m
Aaterial jacket	PVC
Shore hardness jacket	75 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Duter-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5%
Aaterial wire insulation	PVC
Amount wires	5
Duter diameter insulation	1.4 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
ngredient 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
Aaterial 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
Aax. rated voltage power (conductor - onductor)	500 V
C withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power wire - jacket)	1,5 kV @ 60 s
C withstand voltage power (wire - wire)	1,5 kV @ 60 s
lin. operating temperature (static)	-30 °C
lax. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Dperating 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

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Oil resistance

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

Bending radius (dynamic)

15 x Outer diameter