

M12 male 0° A-cod. with cable shielded

PVC 5x0.34 shielded gy 0.3m

Male straight M12, 5-pole shielded

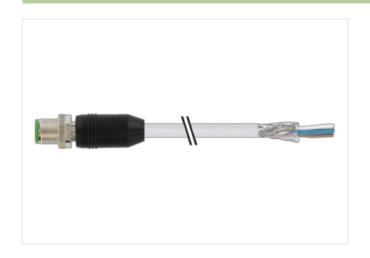
with cable sleeves

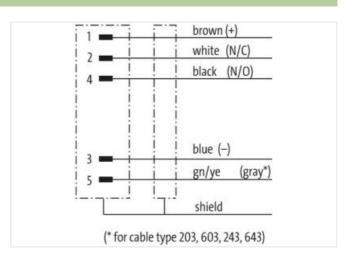
Plastic housings with good resistance against chemicals and oils.

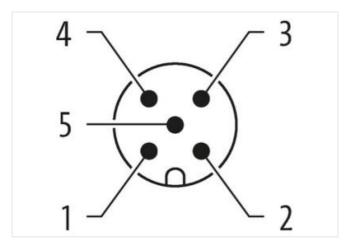
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

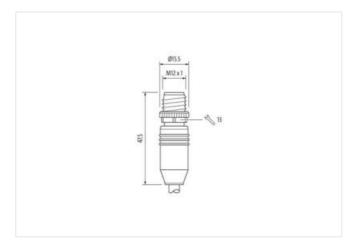
Link to Product

Illustration









Product may differ from Image









Cable length

0,3 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: 2024-05-06



Coeling contact gold passed Triving construction from M12 Thread M12 x 1 Coding A Material contact Copper alloy Material PUR No. of poles 5 Width across flats SW13 Degree of pratection (EN EC 60529) IP86, IP86, IP87 Side 2 SW1900 gength (Jacket) Side 3 SW1900 gength (Jacket) Contage contact gold plated Commercial data 20 mm Colassing contact gold plated Contage contact gold plated Colassing contact	Mounting method	inserted, screwed
Tread	Coating contact	gold plated
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Environmental characteristics Climatic	Mechanical data Mounting data	
	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °C	Environmental characteristics Climatic	
	Operating temperature min.	-25 °C



stay connected

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	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
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Folerance 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
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	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