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M12 female 0° A-cod. with cable shielded

PVC 12x0.14 shielded bk 10m

Female straight M12, 12-pole shielded

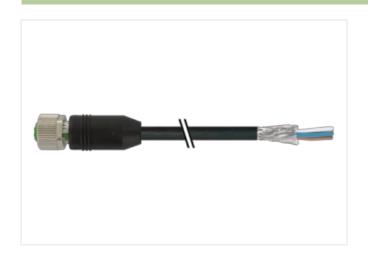
with cable sleeves

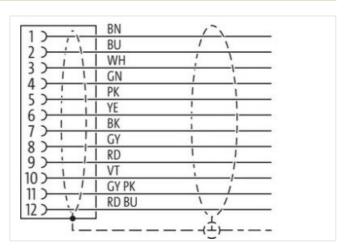
Plastic housings with good resistance against chemicals and oils.

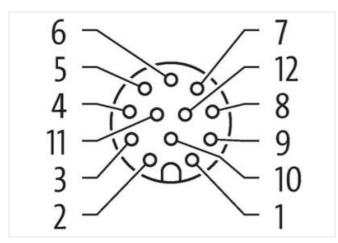
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

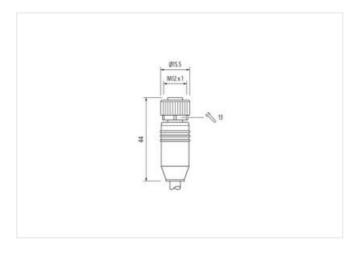
Link to Product

Illustration









Product may differ from Image











Cable length

10 m

Side 1

Tightening torque

0,6 Nm

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Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min25 °C	Mechanical data Mounting data	
Operating temperature min25 °C	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C

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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	
wire arrangement	(white, blue), (white, orange), (white, green), (white, brown)
Cable identification	148
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	
Cable shielding (type)	4 Stranded joints twisted copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	85 %
	Fleece, Foil, conductive sliding winding
Banding	
wire arrangement	(white, blue), (white, orange), (white, green), (white, brown)
Cable weigth	62,7 g/m PUR
Material jacket	
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	Polyolefin
Amount wires	8
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	0,16 mm
Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	125 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	134 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	0,75 kV @ 60 s
Electric capacitance	50000 pF/km
AC withstand voltage (wire - shield)	0,75 kV @ 60 s
Isolation resistance	5000 ΜΩ
Loop resistance	290 Ω/km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C
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
Oil resistance	about, application related testing Dirk Elk boot 1-404



Bending radius (dynamic)

10 x Outer diameter