

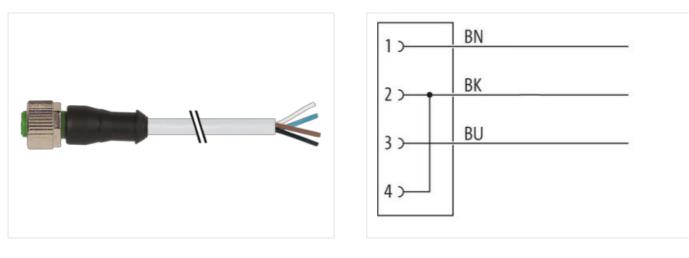
M12 female 0° A-cod. with cable

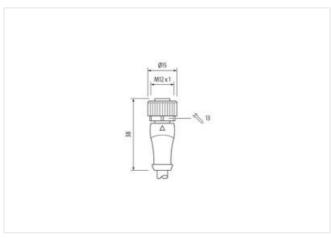
PVC 3x0.34 gy UL/CSA 1.5m

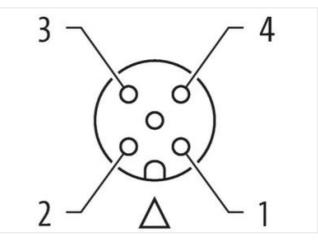
Female straight M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

1,5 m

0,6 Nm

Side 1

Tightening torque

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Coating contactopd platedFamily construction formM12ThreadM12 x 1satable for compated tube (internal 0)10 mmCodingAMaterialCoppor alloyMaterialFURNo. of poles4With across function90 mmCoding contact00 polesStripping length (isoker)20 mmCoding contact90 di platedContact90 di platedContact90 di platedContact90 di platedContact22778218ECLASS-6.027778218ECLASS-6.127778218ECLASS-6.127778218ECLASS-6.12778218ECLASS-6.12778218ECLASS-6.12778218ECLASS-7.0227278218ECLASS-7.0227278218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.227878218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.12778218ECLASS-7.227878	Mounting method	inserted, screwed
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	Material screw connection	Zinc die-casting
Mechanical data Mounting data	Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	Mounting method	inserted, screwed, Shaking protection

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Environmental characteristics Climatic	
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	
wire arrangement	brown, black, blue
Cable identification	213
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 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)	4.6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
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	6 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 - jacket)	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	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
Bending radius (fixed)	5 x Outer diameter

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Bending radius (dynamic)

10 x Outer diameter

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