

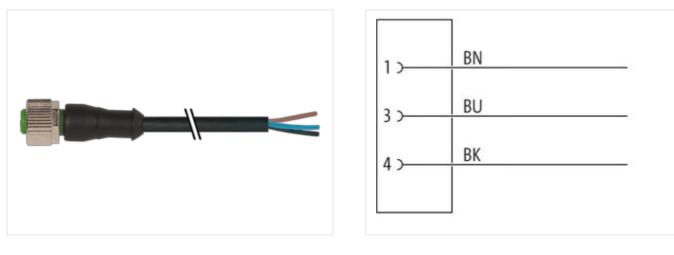
M12 female 0° A-cod. with cable

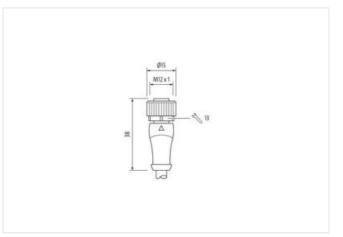
PVC 3x0.34 bk UL/CSA 16m

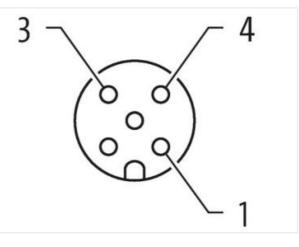
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1 Tightening torque

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16 m

0,6 Nm



Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterialPURNo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66Side 2Stripping length (jacket)20 mmCommercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN404887942Packaging unit1Electrical data SupplyStory VOperating voltage AC max.250 VOperating voltage DC max.250 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 AInstallation Connection30 VStripping length (jacket)20 mmMounting setM12 x 1Device protection Electrical404Additional condition protection degreeinserted, sPollution Degree3Rated surge voltage2,5 kVMaterial group (IEC 60664-1)1Mechanical data Material dataCoating lockingNickeledCoating lockingNickeledCoating lockingNickelplate <th></th>	
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Material screw connection Zinc die-ca	
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Environmental characteristics Climatic	ting
Operating temperature min25 °C	ting ting
Operating temperature max. 85 °C	ting ting
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Conformity	ting rewed, Shaking protection

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Product standard

DIN EN 61076-2-101 (M12)

Installation Cable	
Cable identification	613
Cable Type	1
Jacket Color	black
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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
UV resistance	DIN EN ISO 4892-2 A
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
Bending radius (dynamic)	10 x Outer diameter

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