

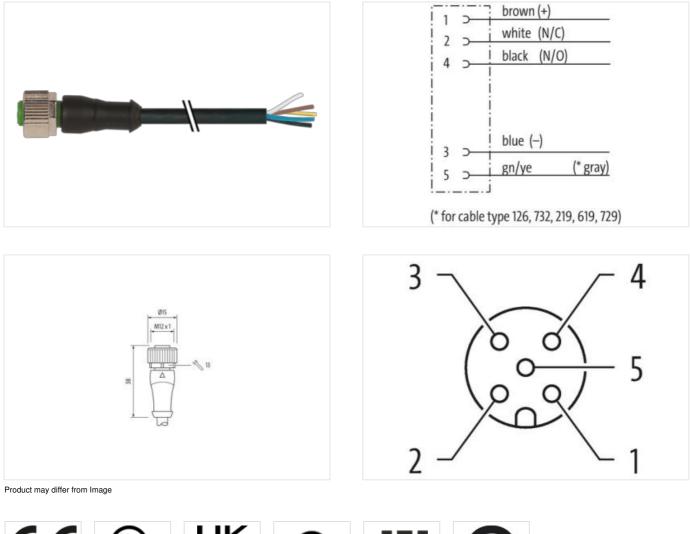
M12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 10m

Female straight M12, 5-pole A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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







Cable length

Side 1

Tightening torque

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: 2024-05-10

10 m

0,6 Nm



Coating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 220 mmCoating contactgold platedCommercial data22ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-9.027060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879000659Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnostics20 mmStatus indication LEDnoInstallation Connection30 VCurrent operating per contact max.4 ADiagnostics3Status indication LED20 mmMounting setM12 x 1Device protection ElectricalAAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge vo		
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Environmental characteristics Climatic		
ation in this Product-PDF has been compiled with the utmost care.		

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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	
·	635
Cable identification	3
Cable Type	
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	4,8 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
JV resistance	DIN EN ISO 4892-2 A
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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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