

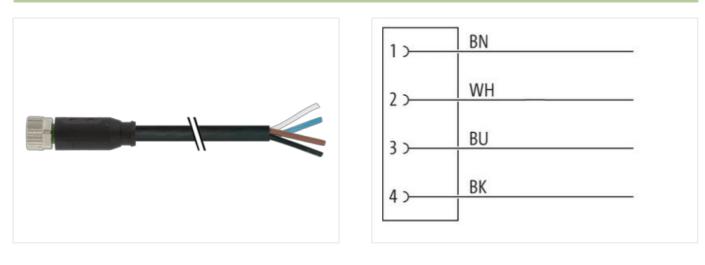
M8 female 0° A-cod. with cable

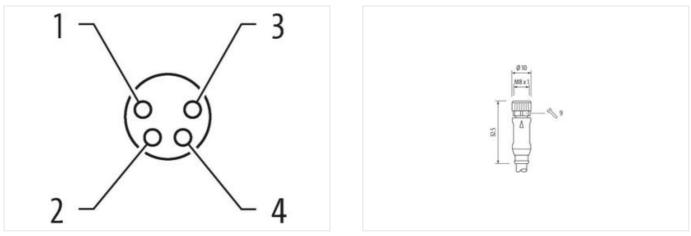
PUR 4x0.25 bk UL/CSA+drag ch. 0.5m

Female straight M8, 4-pole Art-No. 7005 - M8 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



0,5 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Coding context pdf patest Thread MB Thread MB × 1 autable for corrugated tube (interval Ø) 6.5 mm Coding A Material contact Cogore alby Material contact PUR No. ol polos 4 With anores futas Swip Degree of portection (EN IEC DED2) PUR IB Statistic Statistic 20 mm Family construction form Tere able end Commercial data 27278718 ECLASS 0 27278718 ECLASS 10.1 27000311 ECLASS 10.2 27000311 ECLASS 10.1 27000311 ECLASS 10.2 27000311 ECLASS 10.1 27000311	Mounting method	inserted, screwed
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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 61076-2-104 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	631
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	33 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
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
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
	32
Amount strands (wire) Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.25 mm ²
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Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6 300 V
Nominal voltage AC max.	
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	2,5 kV @ 60 s
jacket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 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
provide the product PDE has been compiled with the	

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Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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