

M8 female 0° A-cod. with cable

PUR 3x0.25 bk UL/CSA+drag ch. 5m

Female straight

M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

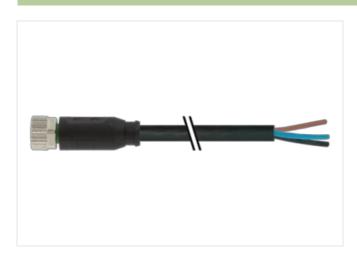
Plastic housings with good resistance against chemicals and oils.

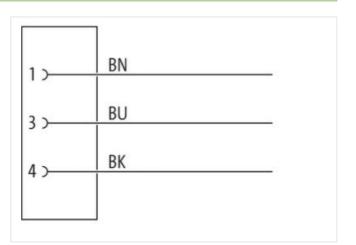
The resistance to aggressive media should be individually tested for your application. Further details on request.

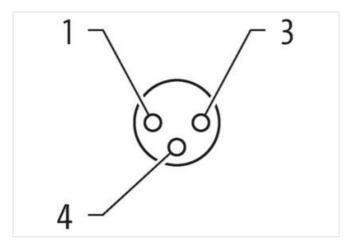
Further cable lengths on request.

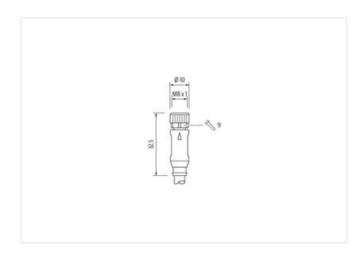
Link to Product

Illustration









Product may differ from Image











Cable length

5 m

Side 1

Tightening torque

0,4 Nm

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: 2024-05-05



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Coating contract got plated Family construction from M8 x 1 Thread M8 x 1 Cable coulder corrogated bube (integral 5) 5.7 mm Cable coulder straight Coding A Muterial contact Copper aloy Meterial of protection (EN ISC 60528) 3 Begin of protection (EN ISC 60528) PUR Begin of protection (EN ISC 60528) Purpose of protection (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose of protection (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose of protection (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of protection (EN ISC 60528) Purpose (EN ISC 60528) Bright of	Mounting method	inserted, screwed
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Material screw connection Zinc die-casting	Material gasket	FKM
	Locking material	Zinc die-casting
Mechanical data Mounting data	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	



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Mounting method	inserted, screwed, Shaking protection
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Modifiling method	, , , , , , , , , , , , , , , , , , , ,
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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	630
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	10 Mio. @ 25 °C
Cable weigth	26,4 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)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
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	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - 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



Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min