

M8 male 0° A-cod. with cable

PVC 3x0.25 bk UL/CSA 6.4m

Male straight M8, 3-pole

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

with cable sleeves

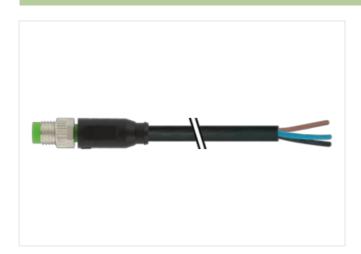
Plastic housings with good resistance against chemicals and oils.

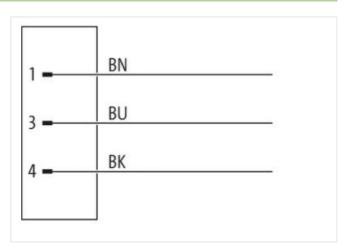
The resistance to aggressive media should be individually tested for your application. Further details on request.

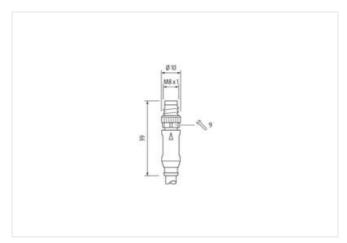
Further cable lengths on request.

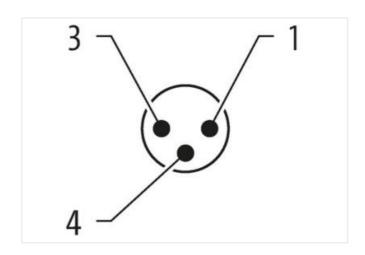
Link to Product

Illustration









Product may differ from Image











Cable length

6,4 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: 2024-05-17



stay connected

Family construction form M8	Mounting method	inserted, screwed
Family construction from M8 Thread M8 x 1 autilization for corrupated tube (internal Q)	Coating contact	· · · · · · · · · · · · · · · · · · ·
Thread		
Suitable for corrugated tube (internal Ø) 6,5 mm Cobing A Material contact Copper alley Material contact Copper alley Material PUR No. of poles 3 Width across files SW9 Degree of protection (EN IEC 60529) IPPS. IP66K, IP67 Side 2 Side 2 Singual (Institution) 20 mm Coating contact gold plated Farmity construction form fee cable end Commercial date gold plated ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.2 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ECLASS 1.2.0 27060311 ECLASS 1.2.0 27060311 ECLASS 1.2.0 E00185 COLASS 1.1 27070311 ECLASS 1.2.0 E00185 COLASS 1.2.0	Thread	M8 x 1
Straight	suitable for corrugated tube (internal Ø)	6.5 mm
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	Material screw connection	<u> </u>



inserted, screwed, Shaking protection Mounting method

Mounting 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	
wire arrangement	brown, black, blue
Cable identification	610
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 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
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0.25 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	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	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
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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