

M8 female 0° A-cod. with cable

PUR 4x0.25 gy UL/CSA+drag ch. 10m

Female straight

M8, 4-pole

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

with cable sleeves

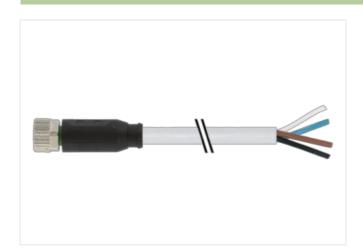
Plastic housings with good resistance against chemicals and oils.

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

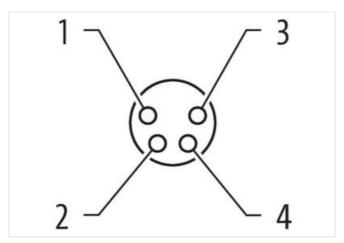
Further cable lengths on request.

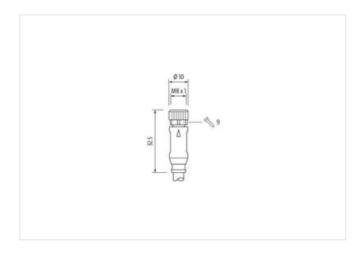
Link to Product

Illustration









Product may differ from Image











Cable length

10 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: 2024-05-19



Coating contact gold plated Timead M8 1 Sidable for corrugated tube (internal Ø) A 5 mm Goding A Material contact Copper allay Most of potes 4 Width across flats SW9 Duggre of protection (EN IEC 00529) IP65, IP66K, IP67 Side 2 SW9 Side 3 SW9 Coating contact gold plated Family construction form fee cable end Commercial data ECLASS 6.0 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 10.1 27060311 ECLASS 10.2 27060311 ECLASS 10.1 27060311 ECLASS 10.2 27060311 ECLASS 10.3 27060311 ECLASS 10.4 27060311 ECLASS 10.5 20 Peckaging unit 1	Mounting method	inserted, screwed
Family construction form Mis Thread Mis 1 suitable for corrugated tube (internal 6)	Coating contact	
Thread		
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Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Coating of fitting	nickel plated
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	



stay connected

Mounting method	inserted, screwed, Shaking protection
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Mounting method	inserted, screwed, Snaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
	District the connectors by a stable assessment from manhaginal leads on the the connector shall attend
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	231
Cable Type	3
Jacket Color	gray
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
	4
Amount wires	
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	3,6 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
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 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
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