

M8 female 90° A-cod. with cable

PUR 4x0.25 gy UL/CSA+drag ch. 40m

Female 90° 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.

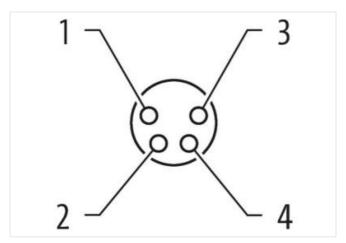
Further cable lengths on request.

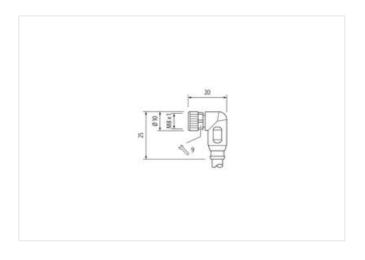
Link to Product

Illustration









Product may differ from Image











Cable length

40 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



Mounting method Inserted, screewed		
Family construction form Mile	Mounting method	inserted, screwed
Thread	Coating contact	gold plated
suitable for corrugated tube (internal 0) 6,5 mm Cable outset angled Cading A Material contact Copper aloy Material PUR PUR No. of poles 4 Width across fatas SW9 Degree of protection (EN IEC 60529) IP65, IP65K, IP67 Side 2 Stripping length (speket) Summ Cadage contact opin postruction form Commercial data ECLASS-6 22729218 ECLASS-70 22729218 ECLASS-90 27660311 ECLASS-10.1 27660311 ECLASS-10.1 27660311 ECLASS-10.1 27660311 ECLASS-10.1 27660311 ECLASS-10.1 ECLASS-10.1 ECLASS-10.1	Family construction form	M8
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Coding	suitable for corrugated tube (internal Ø)	6,5 mm
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Stripping length (jacket)		
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact	Side 2	
Family construction form Free cable end	Stripping length (jacket)	20 mm
Commercial data	Coating contact	gold plated
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Coating locking Nickeled Coating of fitting nickel plated	Mechanical data Material data	
Coating of fitting nickel plated		Nickeled
Matchai yashet I MM	Material gasket	FKM
Locking material Zinc die-casting		
Material screw connection Zinc die-casting		·

Mechanical data | Mounting data



stay connected

Mounting method	inserted, screwed, Shaking protection
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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 Strain relief	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	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
Folerance 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
ngredient 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
Traversing distance (C-track)	10 m @ 25 °C horizontal
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 - 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
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 (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min