

M8 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 10m

Female straight

M8, 4-pole

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

with cable sleeves

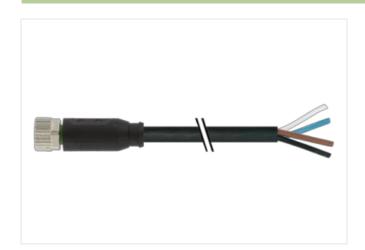
Plastic housings with good resistance against chemicals and oils.

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

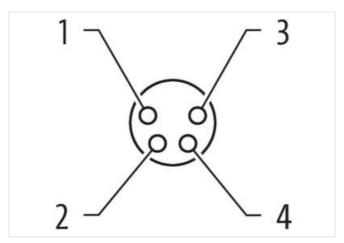
Further cable lengths on request.

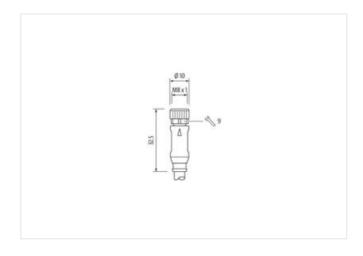
Link to Product

Illustration









Product may differ from Image











Cable length

10 m

Side 1

Tightening torque

0,4 Nm

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Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	
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ECLASS-12.0 27060311	
ETIM-5.0 EC001855	
customs tariff number 85444290	
GTIN 4048879388856	
Packaging unit 1	
Electrical data Supply	
Operating voltage AC max. 50 V	
Operating voltage DC max. 60 V	
Operating voltage AC (UL-listed) 30 V	
Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Diagnostics	
Status indication LED no	
Installation Connection	
Stripping length (jacket) 20 mm	
Device protection Electrical	
Additional condition protection degree inserted, screwed	
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking Nickeled	
Material gasket FKM	
Material housing PUR	·
Locking material Zinc die-casting	
Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic	
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Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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 61076-2-114 (M8)
Installation Cable	
·	201
Cable identification	634
Cable Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
Stranding .	4 wires twisted
rire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Material jacket	PUR
shore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
hore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
Diameter of single wires	0,1 mm
conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Iominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
fin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
V resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
sending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
lo. of bending cycles (C-track)	10 Mio. @ 25 °C
raversing distance (C-track)	10 m @ 25 °C horizontal
ravel speed (C-track)	3 m/s @ 25 °C
lo. of torsion cycles	2 Mio.

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Torsion stress ± 180 °/m

Torsion speed 35 cycles/min