

stay connected

M8 female 0° A-cod. with cable

PUR 3x0.34 bk UL/CSA+drag ch. 15m

Female straight

M8, 3-pole

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

with cable sleeves

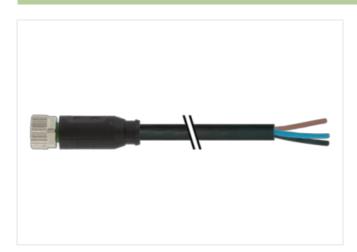
Plastic housings with good resistance against chemicals and oils.

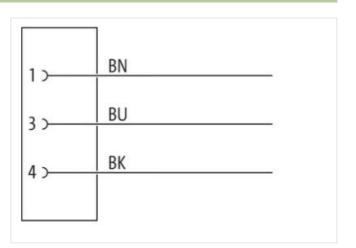
The resistance to aggressive media should be individually tested for your application. Further details on request.

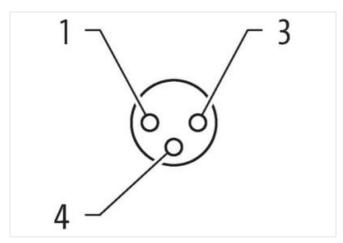
Further cable lengths on request.

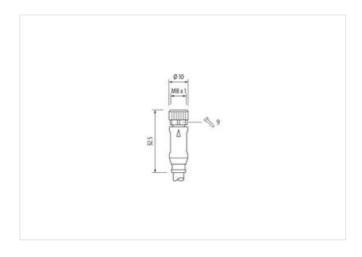
Link to Product

Illustration









Product may differ from Image











Cable length

15 m

Side 1

Tightening torque

0,4 Nm

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Gesting contact gold plated	Mounting method	inserted, screwed
Family construction form		· · · · · · · · · · · · · · · · · · ·
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suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet stralpht Coding A Material contact Copper alloy No. of police 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (packet) 20 mm Coating contact gold plated Family construction from free cable end Coating contact ECLASS-6.0 2.7279218 ECLASS-6.1 2.7279218 ECLASS-6.2 2.7279218 ECLASS-7.0 2.7279218 ECLASS-8.0 2.7279218 ECLASS-9.0 2.7060311 ECLASS-10.1 2.7060311 ECLASS-10.2 2.7060311 ECLASS-10.3 2.7060311 ECLASS-10.1 2.7060311 ECLASS-10.2 2.7060311 ECLASS-10.3 2.7060311 ECLASS-10.4 2.7060311 ECLASS-10.5 2.7060311 ECLASS-10.6 <td></td> <td></td>		
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Material group (IEC 60664-1) I Mechanical data Material data		1,5 kV
Mechanical data Material data		
	Coating locking	Nickeled
Coating of fitting nickel plated		
Material gasket FKM		
Locking material Zinc die-casting		
Material screw connection Zinc die-casting		
Mechanical data Mounting data		

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Mounting method	inserted, screwed, Shaking 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	
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	
Cable identification	633
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 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)	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
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	6 A
Electrical resistance line constant wire	57 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 (inxed)	-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
Gasoline resistance	Good, application-related testing Good, application-related testing
Oil resistance	Good, application-related testing Good, application-related testing DIN EN 60811-404
JII TESISIATICE	Good, application-related testing DIN EN 60811-404



Bending radius (fixed)	5 x Outer diameter	
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	