

## M8 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 3m

Female straight

M8, 4-pole

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

with cable sleeves

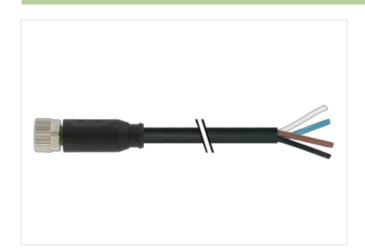
Plastic housings with good resistance against chemicals and oils.

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

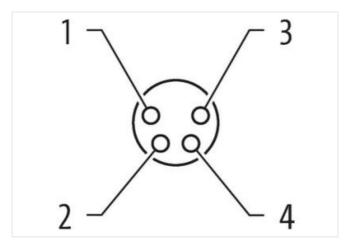
Further cable lengths on request.

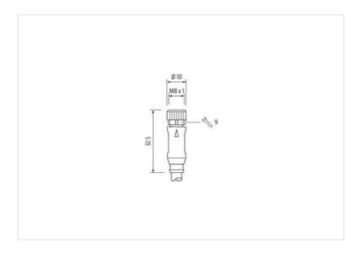
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

3 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: 2024-06-26



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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
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27070210
ECLASS-6.0 ECLASS-7.0	27279218
	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311 27060311
ECLASS-10.1	
ECLASS-11.1	2700011
ECLASS-12.0 ETIM-5.0	27060311
customs tariff number	EC001855
	85444290
GTIN Production with	4048879432931
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
Mounting set	M8 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
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	
Mounting method	inserted, screwed, Shaking protection

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Important installation notes  Note on strain relief Note on bending radius  Conformity  Product standard  Installation   Cable  vire arrangement Cable identification Cable Type Jacket Color  Type of Certificate Amount stranding Stranding Vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Cuter-diameter (jacket) Amount wires Cuter diameter tolerance core insulation Chore hardness wire insulation	black cURus
Important installation notes  Note on strain relief  Prote on bending radius  Conformity  Product standard  Installation   Cable  Wire arrangement  Cable identification  Cable Type  Jacket Color  Ja	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 endangered by excessive bending forces.  DIN EN 61076-2-104 (M8)  brown, black, blue, white  634  3  black  CURus  1  4 wires twisted  brown, black, blue, white  36,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Important installation notes  Note on strain relief  Note on bending radius  Conformity  Product standard  Installation   Cable  Wire arrangement Cable identification Cable Type  Racket Color  Type of Certificate  Amount stranding  Stranding  Wire arrangement Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Material wire insulation  Amount wires  Duter diameter (sheath)  Amount wires  Duter diameter tolerance core insulation  Shore hardness wire insulation  Report of Single wires  Diameter of single wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  DIN EN 61076-2-104 (M8)  brown, black, blue, white 634 3 black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Cable weigth  Alaterial jacket  Fishore hardness jacket  Greedom from ingredients (jacket)  Fouter-diameter (jacket)  Alaterial wire insulation  Amount wires  Outer diameter insulation  Duter diameter insulation  Fishore hardness wire insulation  Fishore hardness wire insulation  Amount strands (wire)  Amount strands (wire)  Amount strands (wire)	36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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hore hardness wire insulation 7 gredient freeness wire insulation 8 mount strands (wire) 4 iameter of single wires 0	1,25 mm
gredient freeness wire insulation  mount strands (wire)  iameter of single wires  0	± 5 %
mount strands (wire) 4 itameter of single wires 0	70 ± 5 Shore D
iameter of single wires 0	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
<u> </u>	42
	0,1 mm
conductor crosssection (wire) 0	0,34 mm²
laterial conductor wire S	Stranded copper wire, bare
conductor type (wire)	strand class 6
lominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire 4	4,8 A
lectrical resistance line constant wire 5	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
ower frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed) 8	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic) 8	80 °C / 90 °C @ 10000 h Operation
IV 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
Gasoline resistance	<u> </u>
Dil resistance G	Good, application-related testing



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