

M8 female 0° A-cod. with cable

PVC 4x0.25 bk UL/CSA 2.5m

Female straight

M8, 4-pole

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

with cable sleeves

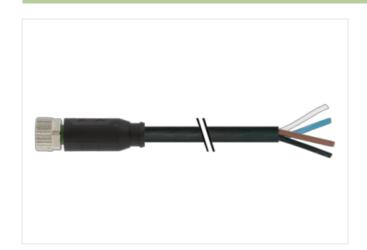
Plastic housings with good resistance against chemicals and oils.

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

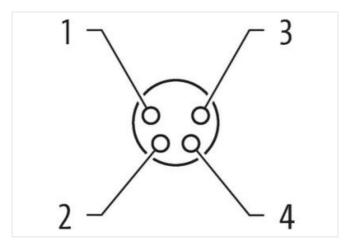
Further cable lengths on request.

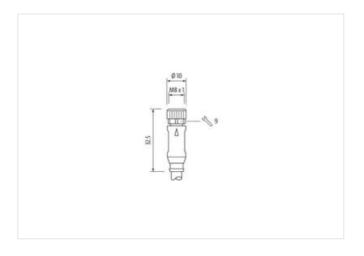
Link to Product

Illustration









Product may differ from Image











Cable length

2,5 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: 2024-05-10



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	
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	
Coating contact	gold plated	
amily construction form	free cable end	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060311	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	
ECLASS-12.0	27060311	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879291231	
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)		

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



stay connected

perating temperature min.	-25 °C
Operating temperature max.	85 °C
additional condition temperature range	depending on cable quality
	asponancy on outro quanty
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	
roduct standard	DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	611
Cable Type	1
acket Color	black
ype of Certificate	cURus
amount stranding	1
Stranding	4 wires twisted
rire arrangement	brown, black, blue, white
Cable weigth	34,76 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4.8 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PVC
mount wires	4
Outer diameter insulation	1,25 mm
Outer diameter insulation	± 5 %
thore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	14
· · ·	0,15 mm
Diameter of single wires	<u> </u>
Conductor crosssection (wire) Material conductor wire	0,25 mm²
	Stranded copper wire, bare
Conductor type (wire)	Strand class 5 300 V
lominal voltage AC max.	
Current load capacity (standard)	to DIN VDE 0298-4
<u> </u>	3,6 A 79 Ω/km @ 20 °C
lectrical resistance line constant wire	
C withstand voltage (wire - wire) ower frequency withstand voltage (wire -	2 kV @ 60 s
acket)	2 kV @ 60 s
fin. operating temperature (static)	-30 °C
fax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 °C
perating temperature max. (dynamic)	80 °C
V resistance	DIN EN ISO 4892-2 A
lame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
il resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter

Product-PDF for Article 7000-08061-6110250

