

M8 female 0° A-cod. with cable

PUR 4x0.25 gy UL/CSA+drag ch. 1.5m

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.

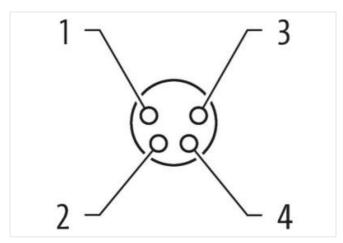
Further cable lengths on request.

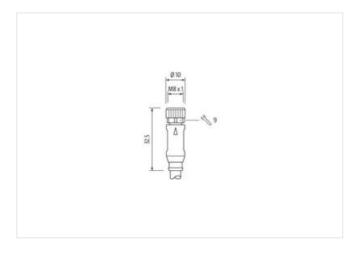
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 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: 2024-05-16



stay connected

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
Family construction form	free cable end
	iree cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879229791
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)	T T T T T T T T T T T T T T T T T T T
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	
and a take ounting date	



stay connected

Mounting method	inserted, screwed, Shaking protection
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inserted, screwed, Shaking protection
-25 °C
85 °C
depending on cable quality
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)
231
3
gray
cURus
1
4 wires twisted
brown, black, blue, white
33 g/m
PUR
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
4,5 mm
±5%
PP
4
1,25 mm
±5%
70 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
32
0,1 mm
0.25 mm ²
Stranded copper wire, bare
strand class 6
10 m @ 25 °C horizontal
300 V
to DIN VDE 0298-4
3,6 A
79 Ω/km @ 20 °C
2,5 kV @ 60 s
2,5 kV @ 60 s
-40 °C
80 °C / 90 °C @ 10000 h Operation
-25 °C
80 °C / 90 °C @ 10000 h Operation
80 °C / 90 °C @ 10000 h Operation IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing



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