

## M8 male 0° / M8 female 0° A-cod.

PUR 4x0.25 ye UL/CSA+drag ch. 3.5m

Male straight - female straight

M8 - M8, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

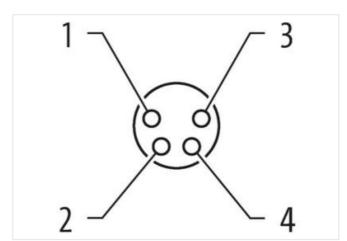
The resistance to aggressive media should be individually tested for your application. Further details on request.

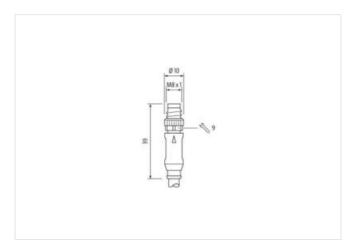
Further cable lengths on request.

## **Link to Product**

## Illustration



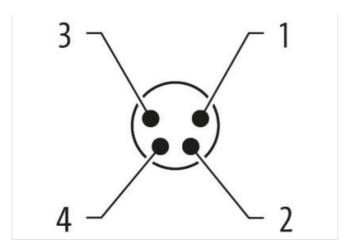


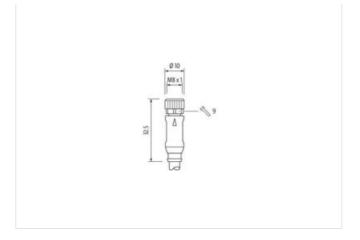






stay connected









Cable length





3,5 m





Side 1	
Tightening torque	0,4 Nm
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
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4
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	4065909053089
Packaging unit	1
Electrical data   Supply	



stay connected

60 V 30 V 30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
inserted, screwed 3 1,5 kV
inserted, screwed 3 1,5 kV
3 1,5 kV
1,5 kV
Nickeled
FKM
PUR
Zinc die-casting
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 61076-2-114 (M8)
J. 1. 2. 1. 1. (
031
3
yellow
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



Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
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	3,6 A
Electrical resistance line constant wire	79 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 min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	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