

## M8 male 0° / M8 female 0° A-cod.

PUR 4x0.25 bk UL/CSA+drag ch. 1m

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.

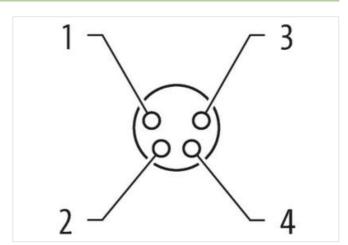
The resistance to aggressive media should be individually tested for your application. Further details on request.

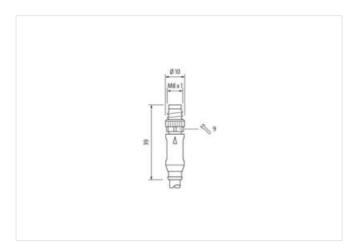
Further cable lengths on request.

## **Link to Product**

## Illustration



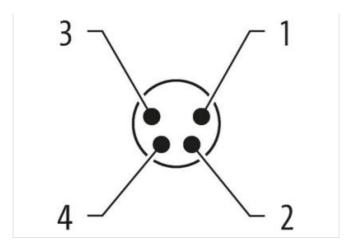


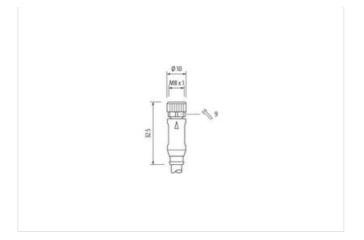






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Product may differ from Image











Cable length	1 m
Side 1	
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Material contact	Copper alloy
No. of poles	4
Side 2	
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Material contact	Copper alloy
No. of poles	4
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	4048879629386
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Device protection   Electrical	
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	ı

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: 2024-05-23



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perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
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mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ote on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
nstallation   Cable	
ire arrangement	brown, black, blue, white
able identification	645
able Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
ire arrangement	brown, black, blue, white
able weigth	33,55 g/m
laterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	5 mm
olerance outer diameter (sheath)	±5%
laterial wire insulation	PP
mount wires	4
uter diameter insulation	1,35 mm
uter diameter tolerance core insulation	± 5 %
hore hardness wire insulation	65 ± 5 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	32
iameter of single wires	0,1 mm
onductor crosssection (wire)	0,25 mm <sup>2</sup>
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
ominal voltage AC max.	600 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	3,6 A
lectrical resistance line constant wire	79 Ω/km @ 20 °C
C withstand voltage (wire - wire)	6 kV @ 60 s
ower frequency withstand voltage (wire - cket)	6 kV @ 60 s
in. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	90 °C
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	90 °C
V resistance	DIN EN ISO 4892-2 A
lame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
nemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
il resistance	DIN EN 60811-404   Good, application-related testing
ending radius (fixed)	5 x Outer diameter
ending radius (dynamic)	10 x Outer diameter
o. of bending cycles (C-track)	5 Mio. @ 25 °C
raversing distance (C-track)	5 m @ 25 °C   horizontal



Travel speed (C-track)	3,3 m/s @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	