

## M8 female 0° A-cod. with cable

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

Female straight

M8, 4-pole

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

with cable sleeves

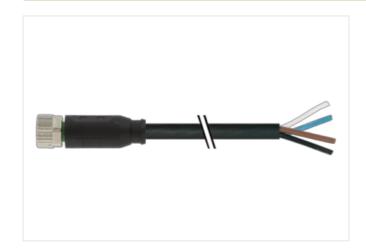
Plastic housings with good resistance against chemicals and oils.

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

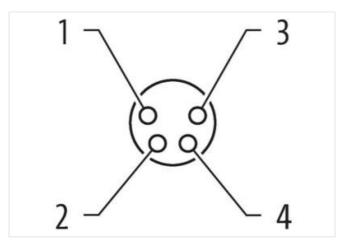
Further cable lengths on request.

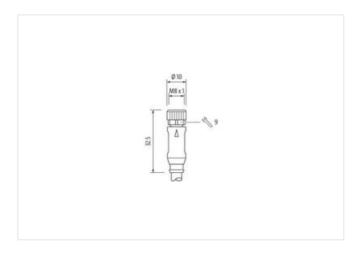
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

25 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: 2024-05-18



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
	ifee 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	4048879229159
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	insorted corowed
Pollution Degree	inserted, screwed 3
Rated surge voltage	3 1,5 kV
Material group (IEC 60664-1)	1,5 KV
	·
Mechanical data   Material data	Ministrate d
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
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
lote on strain relief	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
ote on bending radius	endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-104 (M8)
nstallation   Cable	
able identification	631
able Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
rire arrangement	brown, black, blue, white
able weigth	33 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)	4,5 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	4
outer diameter insulation	1,25 mm
outer diameter tolerance core insulation	± 5 %
hore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	32
iameter of single wires	0,1 mm
conductor crosssection (wire)	0,25 mm <sup>2</sup>
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
raversing distance (C-track)	10 m @ 25 °C   horizontal
ominal voltage AC max.	300 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)	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)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
V resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing   DIN EN 60811-404
ending 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	