

M8 male 0° A-cod. with cable

PUR 3x0.25 ye UL/CSA+drag ch. 6.4m

Male straight

M8, 3-pole

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

with cable sleeves

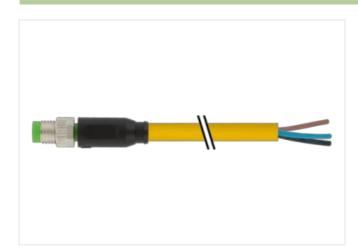
Plastic housings with good resistance against chemicals and oils.

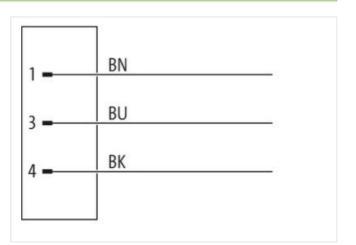
The resistance to aggressive media should be individually tested for your application. Further details on request.

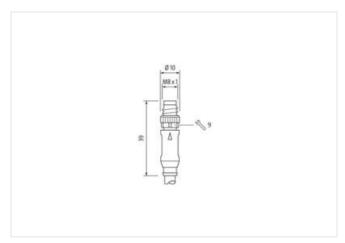
Further cable lengths on request.

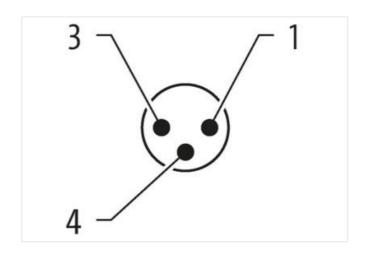
Link to Product

Illustration









Product may differ from Image











Cable length

6,4 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: 2024-05-17



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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
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
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
Commercial data	
ECLASS-6.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4048879860031
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)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

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Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
ote 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)	
nstallation Cable		
·	braus block blue	
rire arrangement	brown, black, blue 030	
able Type	3	
,,		
acket Color	yellow	
ype of Certificate	cURus	
mount stranding	1	
tranding	3 wires twisted	
rire arrangement	brown, black, blue	
able weigth	26,4 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	
outer-diameter (jacket)	4,1 mm	
olerance outer diameter (sheath)	±5%	
laterial wire insulation	PP	
mount wires	3	
outer diameter insulation	1,25 mm	
outer diameter tolerance core insulation	± 5 %	
hore hardness wire insulation	70 ± 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	
conductor crosssection (wire)	0,25 mm²	
laterial conductor wire	Stranded copper wire, bare	
conductor type (wire)	strand class 6	
lominal voltage AC max.	300 V	
current load capacity (standard)	to DIN VDE 0298-4	
current load capacity min. wire	4,5 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 -	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	
operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
lame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090	
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	
ending radius (dynamic)	10 x Outer diameter	
lo. of bending cycles (C-track)	10 Mio. @ 25 °C	
raversing distance (C-track)	10 m @ 25 °C horizontal	
ravel speed (C-track)	3 m/s @ 25 °C	
o. of torsion cycles	2 Mio.	
orsion stress	± 180 °/m	

Product-PDF for Article 7000-08001-0300640



Torsion speed

35 cycles/min