

M8 female 0° A-cod. with cable

PUR 4x0.25 bk UL/CSA+drag ch. 2m

Female straight

M8, 4-pole

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

with cable sleeves

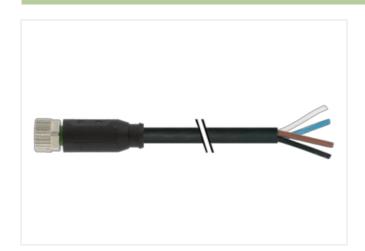
Plastic housings with good resistance against chemicals and oils.

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

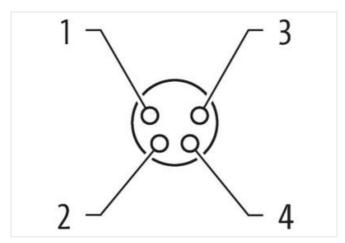
Further cable lengths on request.

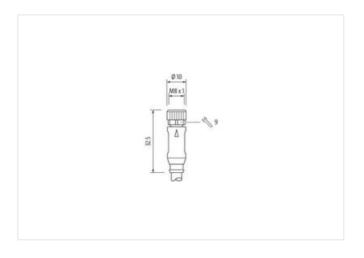
Link to Product

Illustration









Product may differ from Image











Cable length

2 m

Side 1

Tightening torque

0,4 Nm

The information in this Product-PDF has been compiled with the utmost care.

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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
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	4048879001090
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	
	20
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
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
	,,

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stay connected

Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
dditional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote 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		
Product standard	DIN EN 61076-2-104 (M8)	
Installation Cable		
	601	
Cable identification	631 3	
able Type		
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
Stranding	4 wires twisted	
rire arrangement	brown, black, blue, white	
Cable weigth	33 g/m	
flaterial jacket	PUR	
shore hardness jacket	90 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
outer-diameter (jacket)	4,5 mm	
olerance outer diameter (sheath)	± 5 %	
laterial wire insulation	PP	
mount wires	4	
uter diameter insulation	1,25 mm	
uter 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	
Diameter of single wires	0,1 mm	
conductor crosssection (wire)	0,25 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
raversing distance (C-track)	10 m @ 25 °C horizontal	
Iominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity (standard)	3,6 A	
Electrical resistance line constant wire	79 Ω/km @ 20 °C	
	2,5 kV @ 60 s	
C withstand voltage (wire - wire) Cower frequency withstand voltage (wire -	د,ك ۸۷ ك UU ك	
acket)	2,5 kV @ 60 s	
fin. operating temperature (static)	-40 °C	
Max. 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	
IV 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	
Sasoline resistance	Good, application-related testing	
Dil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	Good, application related testing DIN EIN 000 1-404	



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