

M8 male 0° / M8 female 0° A-cod.

PVC 4x0.25 bk UL/CSA 10m

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.

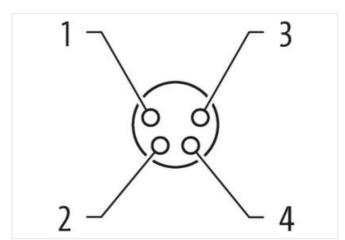
The resistance to aggressive media should be individually tested for your application. Further details on request.

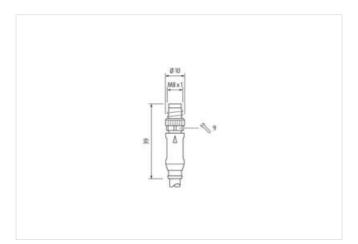
Further cable lengths on request.

Link to Product

Illustration



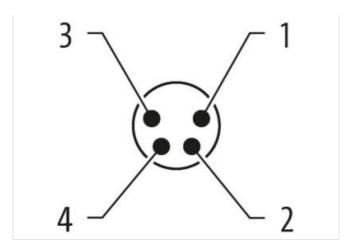


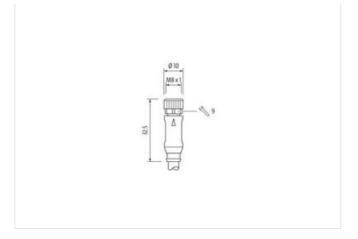






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Product may differ from Image



Cable length





10 m





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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	4048879129916
Packaging unit	1
Electrical data Supply	

Electrical data | Supply

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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	
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	
Device protection Electrical	
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K	
Additional condition protection degree inserted, screwed	
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
Mechanical data Material data	
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Coating locking Nickeled Meterial gooket	
Material gasket FKM Meterial bouring PLIP	
Material housing PUR Tecking material Tipe die cesting	
Locking material Zinc die-casting	
Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	
Environmental characteristics Climatic	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	
Important installation notes	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable	ties.
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.	can be
Conformity	
Product standard DIN EN 61076-2-114 (M8)	
Installation Cable	
Cable identification 611	
Cable Type 1	
Jacket Color black	
Type of Certificate cURus	
Amount stranding 1	
amount outlanding	
Stranding 4 wires twisted	
Stranding 4 wires twisted	
Stranding 4 wires twisted wire arrangement brown, black, blue, white	
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m	
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC	
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A	
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Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter