

M8 male 0° / M8 female 0° A-cod.

PVC 4x0.25 bk UL/CSA 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.

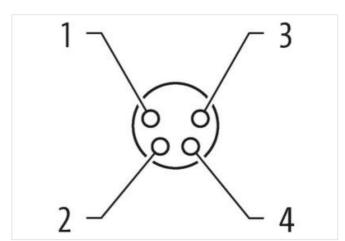
The resistance to aggressive media should be individually tested for your application. Further details on request.

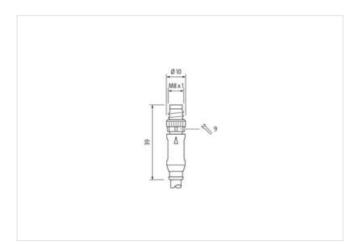
Further cable lengths on request.

Link to Product

Illustration



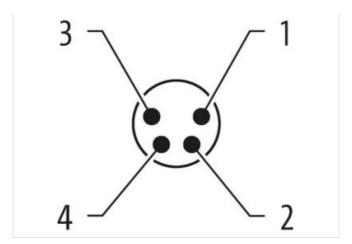


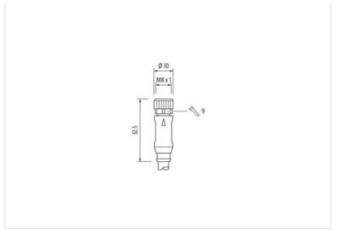






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Product may differ from Image



Cable length









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	4048879130004
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 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	
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	
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical	
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Diagnostics Status indication LED no Device protection Electrical	
Status indication LED no Device protection Electrical	
Device protection Electrical	
Device protection Electrical	
Additional condition protection degree inserted, screwed	
7	
,	
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking Nickeled	
Material gasket FKM	
Material housing PUR	
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 tie Attention: Observe the permissible bending radii when laying cables, as the IP protection class ca	
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the in protection class cale and angered by excessive bending forces.	n 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	
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	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket) 4,8 mm	
Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 %	
Tolerance outer diameter (sheath) ± 5 %	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	

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Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
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