

M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 ye UL/CSA 5m

Male straight - female straight

M8 - M8, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

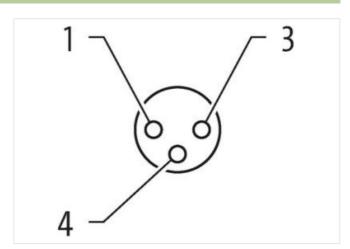
Plastic housings with good resistance against chemicals and oils.

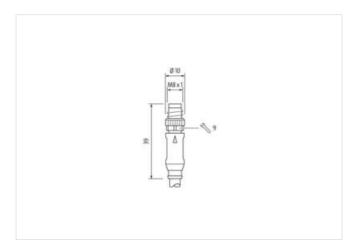
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



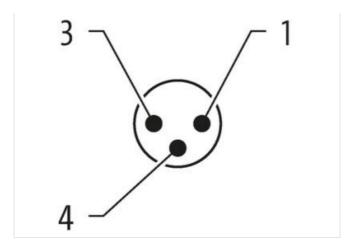


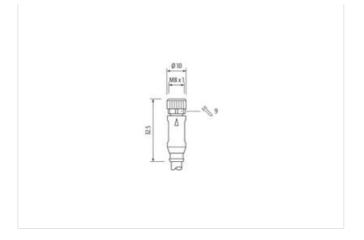






stay connected





Product may differ from Image



Cable length





5 m





ŭ	
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	3
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	3
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	4048879132220
Packaging unit	1
Electrical data Supply	

Electrical data | Supply

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: 2024-05-05



stay connected

Operation values AO many	
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 Additional condition protection degree inserted, screwed	
7	
<u> </u>	
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	
	as used of sable ties
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the Attention: Observe the permissible bending radii when laying cables, as the limit of the Attention of the Att	
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the li- endangered by excessive bending forces.	P protection class can be
Conformity	
Product standard DIN EN 61076-2-114 (M8)	
Installation Cable	
Cable identification 010	
Cable Type 1	
Jacket Color yellow	
Type of Certificate cURus	
Amount stranding 1	
Stranding 3 wires twisted	
wire arrangement brown, black, blue	
Cable weigth 29,37 g/m	
Material jacket PVC	
,	
Shore hardness jacket 85 ± 5 Shore A	
·	
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 %	
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) ### 4,5 mm ### 5 % Material wire insulation PVC	
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation PVC Amount wires 3	
Freedom from ingredients (jacket) Outer-diameter (jacket) 7 olerance outer diameter (sheath) Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm	
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) ### ### ### ### ### ### ### ### ### #	

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: 2024-05-05

Gasoline resistance

Bending radius (fixed)

Bending radius (dynamic)

Oil resistance



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	4,5 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
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing

Good, application-related testing

5 x Outer diameter

10 x Outer diameter

Good, application-related testing | DIN EN 60811-404