

M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 ye UL/CSA 1m

Art.No.: 7000-88001-0100100

Weight: 0.037 Country of origin: US

Model designation: MSFL0-H-R010_1.0

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Male straight - female straight

M8 - M8, 3-pole

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

Further cable lengths on request.

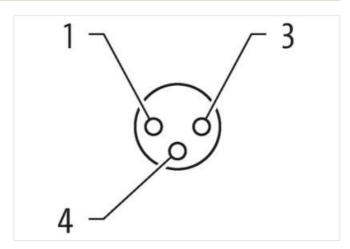
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

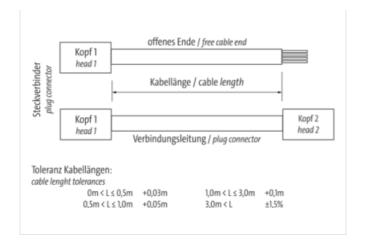
Illustration

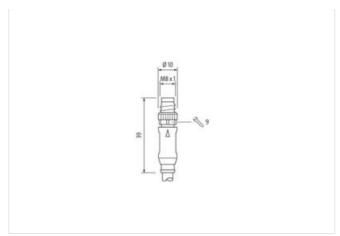




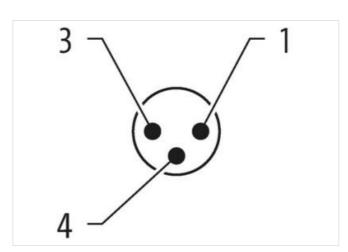


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Product may differ from Image











Cable length

1 m

Side 1

Tightening torque

0,4 Nm



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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
Gender	male
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
	11 00, 11 0010, 11 07
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Gender	female
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
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
customs tariff number	85444290
EAN	4048879132251
EAN	4048879132251
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
	no.
Status indication LED	no
	no IP65, IP67, IP68, IP66K

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: 2025-09-18



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Additional condition protection degree inserted, screwed Pollution Degree 3 S kV Material group (IC6 60684-1) 1 Mechanical data Meterial data Material housing PUR Coating looking Nickeled Meterial poloking Nickeled Meterial poloking Nickeled Meterial spaker FKM Locking material Zinc die-casting Mechanical data Mounting data Meuriting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature max 30 °C Operating temperature max 45 °C Additional condition imperature range Important installation notes Note on sharia rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 61078-2-114 (MB) Installation Cable wire arrangement brown, black, blue Cable identification 010 Cable Type 1 Lackel Cotor yellow Type of Certificate cUFfus Amount stranding 3 wires avisted wire arrangement brown, black, blue Cable weigh 29,37 g im Material product standard PVC Shore hardness jacket PVC Shore hardness jacket PVC Shore dameter (jacket) 4,5 mm Tolerance outer dameter (jacket) 1,25 mm Cuter diameter (jacket) 45 °S Shore D Material properties wire insulation 1,25 mm Cuter diameter (jacket) 45 °S Shore D Material properties wire insulation lead-free, cellminn-free, CFC-free, silicone-free Material properties wire insulation lead-free, cadminn-free, CFC-free, silicone-free	Additional condition must still a decure	innerhold annumed
Rated surge voltage	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1) I		
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Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Amount wires	3
Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Outer diameter insulation	1,25 mm
Material properties wire insulation good machinability	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	45 ± 5 Shore D
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material properties wire insulation	good machinability
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire) 14	Amount strands (wire)	14
Diameter of single wires 0,15 mm	Diameter of single wires	0,15 mm
Conductor crosssection (wire) 0,25 mm ²	Conductor crosssection (wire)	0,25 mm²
Material conductor wire Stranded copper wire, bare	Material conductor wire	Stranded copper wire, bare
Conductor type (wire) Strand class 5	Conductor type (wire)	Strand class 5
Nominal voltage AC max. 300 V	Nominal voltage AC max.	300 V
Current load capacity (standard) to DIN VDE 0298-4	Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire 4,5 A	Current load capacity min. wire	4,5 A
Electrical resistance line constant wire 79 Ω/km @ 20 °C	Electrical resistance line constant wire	79 Ω/km @ 20 °C

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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
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter