

M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 gy UL/CSA 5m

Art.No.: 7000-88001-2100500

Weight: 0.146 Country of origin: US

Model designation: MSFL0-H-R210 5.0

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.

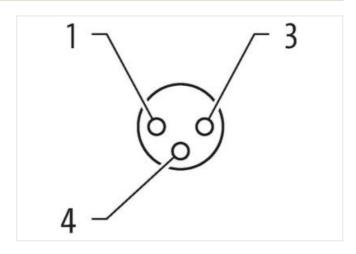
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

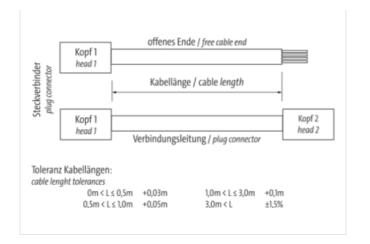
Illustration

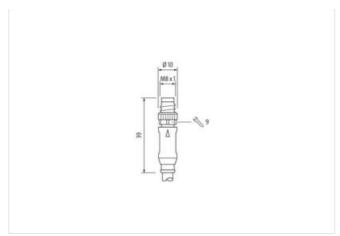




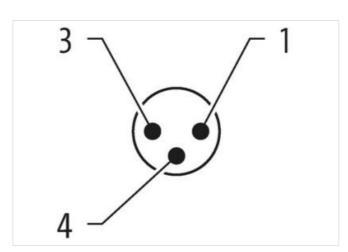


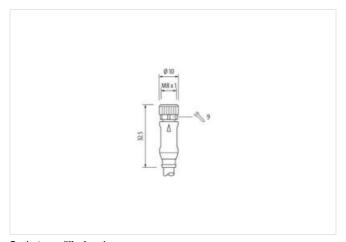
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Product may differ from Image











Cable length

5 m

Side 1

Tightening torque

0,4 Nm



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Coating contact Family construction form M8	Mounting method	inserted, screwed
Family construction form M8 Threed M8 + 1 suitable for corrugated tube (internal 0) 6.5 mm Gender male Cable culted Straight Coding A Material Coding A Material Coding A Material No. of poles 3 Width across flats SW0 Degree of protection (ENIEC 66529) BFS, IP6K, IP67 Statistical PUR Manual Material Coding A Material Fightening torque A Ma Manual Material Coding A Manual Material M8 + 1 Tightening torque A Manual Material Coding		•
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Additional condition protection degree inserted, screwed Pollution Degree 3	Device protection Electrical	
Pollution Degree 3	Degree of protection (EN IEC 60529)	
	Additional condition protection degree	
Rated surge voltage 1,5 kV	Pollution Degree	
	Rated surge voltage	1,5 kV



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Mechanical data Material data	
Material housing	PUR
Coating locking	Nickeled
Material gasket	FKM
Locking material	Zinc die-casting
	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-30 °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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
	DIA FIG. 01010-5-114 (MO)
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	210
Cable Type	1
Jacket Color	gray
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
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 mm
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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
	to DIN VDE 0298-4
Current load capacity (standard)	
Current load capacity (standard) Current load capacity min. wire	45 Δ
Current load capacity min. wire	4,5 A 79 O/km @ 20 °C
	4,5 A 79 Ω/km @ 20 °C 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 UL 1581 § 1090 IEC 60332-2-2
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