

M8 female 0° A-cod. with cable Lite

PVC 3x0.25 bk UL/CSA 10m

Art.No.: 7005-08041-6101000

Weight: 0.273 Country of origin: DE

Model designation: MSFL0-R610 10.0-S05

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:

Female straight

M8, 3-pole

7005 - plastic hexagonal screw (M8 Lite)

with cable sleeves

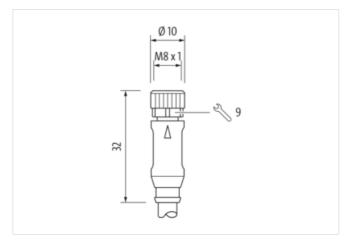
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

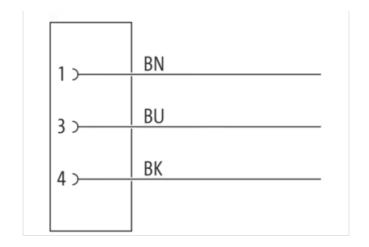
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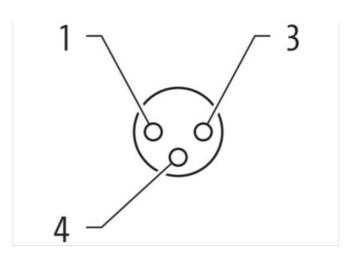


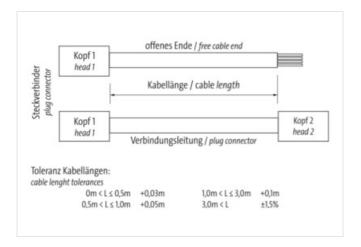


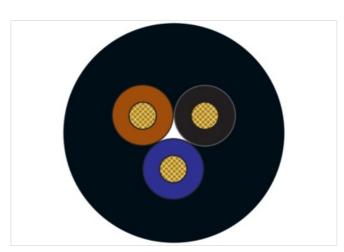


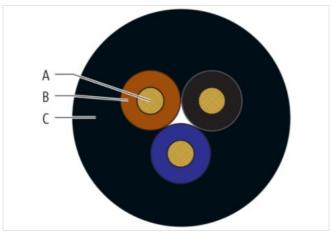
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Product may differ from Image









Header

Material short text MSFL0-R610_10.0-S05

Cable length 10,00 m

Side 1

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Michael Mich	Family construction form	M8
Width across flats SW9 Suitable for corrugated bube (internal 6) 6.5 mm Commercial data (P67, IPGK) URL Webshop https://shop.murrelektronk.com/7005-09041-6101000 GTIN 4048879825553 EGLASS 6.0 2272918 EGLASS 7.0 27279218 EGLASS 7.1 22729218 EGLASS 7.2 27279218 EGLASS 8.1 27279218 EGLASS 8.1 27279218 EGLASS 8.1 27279218 EGLASS 9.0 27279218 EGLASS 9.1 27279218 EGLASS 9.1 27208031 EGLASS 9.1 27060311 EGLASS 9.1 27060311 EGLASS 9.1 27060311 EGLASS 9.1.0 27060311 EGLASS 9.1.1 27060311 EGLASS 9.1.2 27060311 EGLASS 9.2.2 27060311 EGLASS 9.3.3 27060311 EGLASS 9.4.0 27060311 EGLASS 9.5 27060311 EGLASS 9.6.1 27060311 EGLASS 9.7.2 2		
Scientific for corrugated tube (internal 0)		*
Degree of protection (EN IEC 60929)		
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Note on bending radius endangered by excessive bending forces.		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces

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Conformity	
Product standard	EN IEC 61076-2-114 (M8)
Installation Cable	
Cable identification	610
Cable Type	1
Amount stranding	1
Stranding	3 wires stranded
Wire arrangement	brown, Black, blue
Cable weigth	26,7 g/m
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
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
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 x Outer diameter