

## M8 male 0° A-cod. with cable

PVC 3x0.25 ye UL/CSA 5m

Art.No.: 7000-08001-0100500

Weight: 0.142 Country of origin: US

Model designation: MSHL0-R010\_5.0

Male straight M8, 3-pole with cable sleeves

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

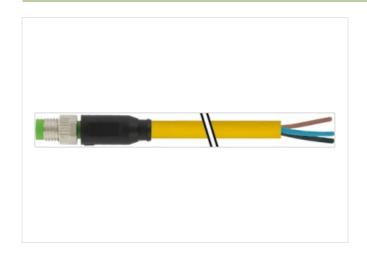
The resistance to aggressive media should be individually tested for your application. Further details on request.

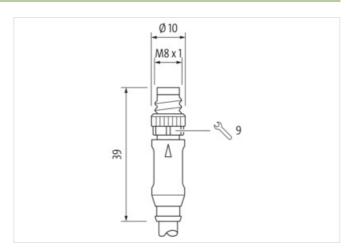
Plastic housings with good resistance against chemicals and oils.

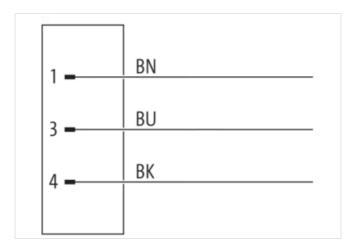
Further cable lengths on request.

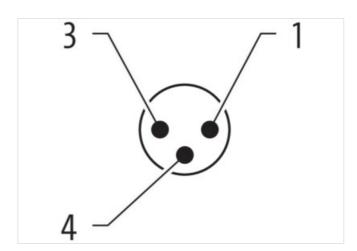
## **Link to Product**

## Illustration



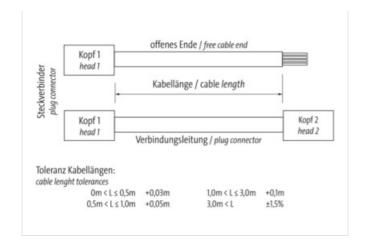


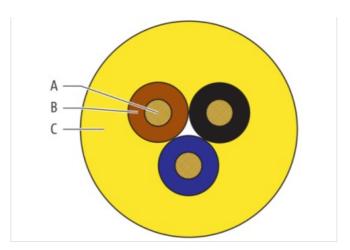


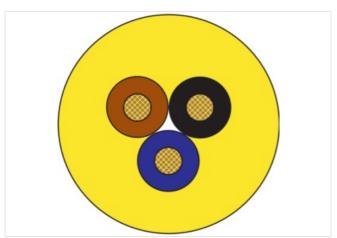




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Product may differ from Image













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Header	
Material short text	MSHL0-R010_5.0
Cable length	5,00 m
Side 1	
Family construction form	M8
No. of poles	3
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal Ø)	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	



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Family construction form	free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08001-0100500
GTIN	4048879234245
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060311
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ECLASS-13.0	27060311
ECLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879234245
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
· · · · · · · · · · · · · · · · · · ·	70
Diagnostics	
Status indication LED	no
Installation   Connection	
Mounting set	M8 x 1
Device protection   Electrical	
•	ID67 ID66K ID65
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Additional condition protection degree Pollution Degree	inserted, screwed 3
Rated surge voltage	3 1.5 kV
Material group (IEC 60664-1)	1.5 KV
	<u>'</u>
Mechanical data   Material data	
Material screw connection	Brass
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Mechanical data   Mounting data	
Mechanical data   Modriting data	
Mounting method	inserted, screwed, Shaking protection
Mounting method	
•	

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: 2025-11-01



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Additional condition temperature range	depending on cable quality
Important installation notes	
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	EN/IEC 61076-2-104 (M8)
Installation   Cable	
Cable identification	010
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 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
	0.25 mm <sup>2</sup>
Conductor crosssection (wire)  Material conductor wire	
	Stranded copper wire, bare Strand class 5
Conductor type (wire)	21.00.00
Outer-diameter (jacket)  Tolerance outer diameter (sheath)	4.5 mm ± 5 %
	PVC
Material jacket	
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 (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
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 × Outer diameter