

M8 male 0° A-cod. with cable

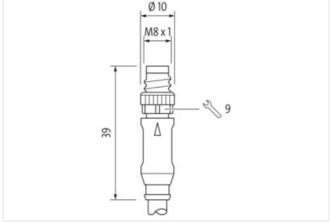
PVC 3x0.25 bk UL/CSA 5m

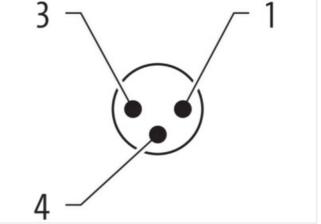
Art.No.: 7000-08001-6100500 Weight: 0.142 Country of origin: US Model designation: MSHL0-R610_5.0

Link to Product

Illustration

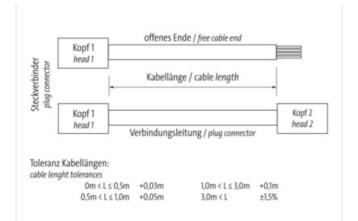


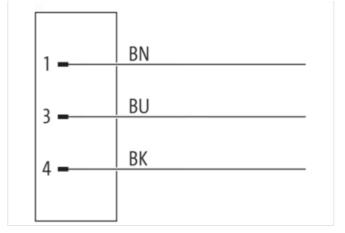




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-08







Product may differ from Image



Family construction formMaNo. of poles3CodingA	-
Coding A	
Gender ma	ale
Mounting method ins	serted, screwed
Thread Ma	18 x 1
3 3 1	4 Nm
Width across flats SV	W9
Cable outlet str	raight
suitable for corrugated tube (internal \emptyset) 6.	5 mm
Material PL	UR
	opper alloy
	old plated
Degree of protection (EN IEC 60529) IP	267, IP66K, IP65
Side 2	
Family construction form fre	ee cable end
Stripping length (jacket) 20	0 mm
Commercial data	
URL Webshop htt	ttps://shop.murrelektronik.com/7000-08001-6100500
GTIN 40	048879233682
ECLASS-6.0 27	7279218
ECLASS-6.1 27	7279218
	7279218
ECLASS-7.1 27	7279218
ECLASS-8.0 27	7279218
	7279218
ECLASS-9.0 27	7060311
ECLASS-9.1 27	7060311
ECLASS-10.0.1 27	7060311
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ECLASS-11.0 27	7060311
ECLASS-11.1 27	7060311

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EAN 4048879233882 Electrical data Supply Operating voltage AC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Device protection [Electrical Device protection (EN IEC 60529) IP67, IP66K, IP65 Additional constition protection degree inserted, screwed Pollution Degree 3 Additional constition protection degree 1.5 kV Material group (IEC 6064-1) 1 Methal group (IEC 6064-1) <th>ECLASS-12.0</th> <th>27060311</th>	ECLASS-12.0	27060311
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ETIM-7.0 ECO01885 ETIM-8.0 ECO01885 ETIM-8.0 ECO01885 Electrical ctal [Supply 50 V Operating voltage PC max. 60 V Current operating voltage PC max. 60 V Diagnostic 60 V Status indication IED no Installation I Connection Max 1 Device protection [Electrical Device protection [Electrical Diagnostic 15 KV Datage of protection [Electrical Reseried, scewed Dollation Oppere 3 Relating store protection [Electrical Installation Material group (IEC 60664-1) 1 Material group (IE	ETIM-5.0	
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Outer diameter tolerance core insulation ± 0.05 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement Cable weigth Material wire insulation	85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 Vires brown, black, blue 29.37 g/m PVC
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Shore hardness wire insulation	45
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 mm ²
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
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)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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

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