

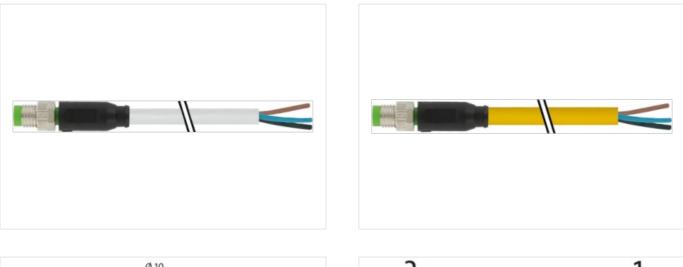
M8 male 0° A-cod. with cable

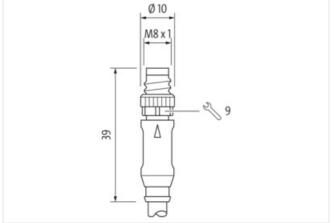
PUR 3x0.25 gy UL/CSA+drag ch. 10m

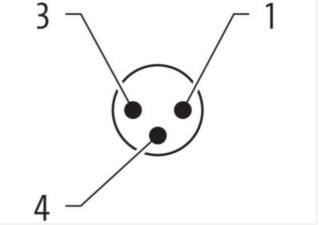
Art.No.: 7000-08001-2301000 Weight: 0.241 Country of origin: US Model designation: MSHL0-R230_10.0

Link to Product

Illustration

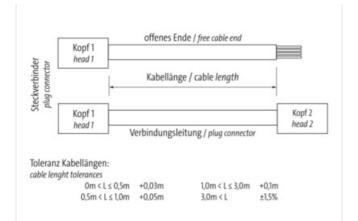


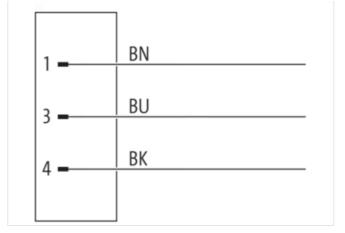




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-04







Product may differ from Image



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 \emptyset)	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08001-2301000
GTIN	4048879233781
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

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Product standardDIN EN 61076-2-104 (M8)Installation CableCable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation CableCable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	inserted, screwed, Shaking protection -25 °C 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.
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Amount wires 3 Outer diameter insulation 1.25 mm	Mechanical data Mounting data Mounting method Environmental characteristics Climatic 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	inserted, screwed, Shaking protection -25 °C 65 °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) 230 3 1 Wires
Outer diameter insulation 1.25 mm	Mechanical data Mounting data Mounting method Environmental characteristics Climatic 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	inserted, screwed, Shaking protection -25 °C 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) 230 3 1 Wires brown, black, blue
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Outer diameter tolerance core insulation ± 0.05 mm	Mechanical data Mounting data Mounting method Environmental characteristics Climatic 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	inserted, screwed, Shaking protection -25 °C
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Shore hardness wire insulation	70
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Amount strands (wire)	32
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	4.1 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min

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