

M8 male 0° A-cod. with cable

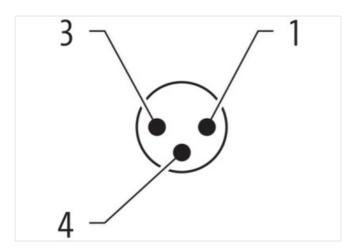
PVC 3x0.25 ye UL/CSA 5m

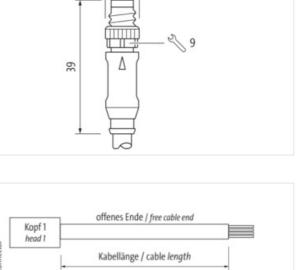
Art.No.: 7000-08001-0100500 Weight: 0.142 Country of origin: US Model designation: MSHL0-R010_5.0

Link to Product

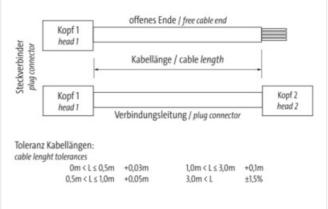
Illustration





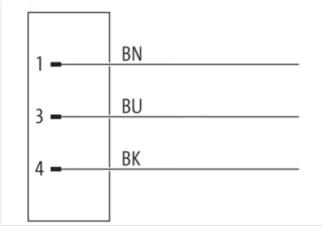


Ø 10 M8 x 1



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Product may differ from Image



Family construction form M8 No. of poles 3 Coding A Gender male Mouning method inserted, screwed Thread M8 x 1 Tightering torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal 0) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protoction (EN IEC 60529) IPG, IP664, IP65 Stice 2 Family construction form free cable end Strippin length (jacket) 20 mm Contact 20 mm Counscild data 27279218 ECLASS-10 27279218 ECLASS-11 27279218 ECLASS-11 27279218 ECLASS-11 27060311 ECLASS-10.1 27279218 ECLASS-11 27060311 ECLASS-11.1 27060311	Side 1	
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	ECLASS-11.1	27060311

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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
EAN	4048879234245
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M8 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1.5 kV
Material group (IEC 60664-1)	
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	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
	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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	010
Cable Type	1
Amount stranding	
Stranding	3 wires stranded
Wire arrangement	brown, black, blue
Cable weigth	29.37 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

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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° 08
Operating temperature min. (dynamic)	-5 ℃
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

Bending radius (dynamic)

10 × Outer diameter

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