

M8 female 0° A-cod. with cable

PVC 3x0.25 ye UL/CSA 7.5m

Art.No.: 7000-08041-0100750 Weight: 0.208 Country of origin: US Model designation: MSFL0-R010_7.5

Link to Product

Illustration







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Product may differ from Image



Family construction formM8No. of poles3GodingAGenderfemaleMouning methodinserted, screwedThreadM8 x 1Tinghtening torque0.4 NmWidth across flatsSW9Cable outletstraightsuitable for corrugated tube (internal Ø)6.5 mmMaterial contactCopper alloyCoating contactgold platdDegree of protection (EN IEC 60529)PFO, IP665, IP65Strapping length (jacket)20 nmDurnerelektronik.com/7000-08041-0100750GTNQuestion4048879231770ECLASS-0.027279218ECLASS-1.027279218ECLASS-1.127279218ECLASS-1.027279218ECLASS-1.027279218ECLASS-1.027060311ECLASS-1.0.127060311ECLASS-1.0.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311ECLASS-1.1.127060311	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	4048879231770
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	
· · ·	incerted exercised
Additional condition protection degree	inserted, screwed 3
Pollution Degree	
Rated surge voltage	1.5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Material gasket	FKM
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	
Note on bending radius	Attention: 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	DIN EN 61076-2-104 (M8)
Installation Cable	
	010
Cable identification	010
Cable Type	1
Amount stranding	
Stranding Wire arrangement	3 wires stranded brown, black, blue
Cable weigth Material wire insulation	29.37 g/m PVC
	3
Amount wires	3 1.25 mm
Outer diameter insulation Outer diameter tolerance core insulation	
Shore hardness wire insulation	± 0.05 mm 45
Shore naroness wire insulation	

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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)	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

Bending radius (dynamic)

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