

M12 male 90° / M12 female 90° A-cod. LED

PVC 3x0.34 ye UL/CSA 0.3m

Art.No.: 7000-40461-0130030

Weight: 0.037 Country of origin: DE

Model designation: MSDL1-C-S013 0.3

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Further cable lengths on request. Male 90° – female 90° M12 – M12 3-/4-pole bridged

2× LED (PNP), (NPN) on request

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

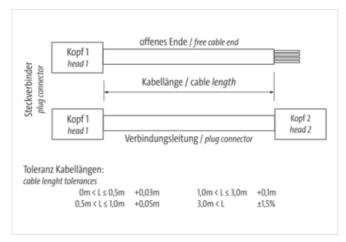
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

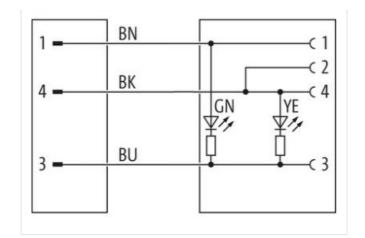
Illustration

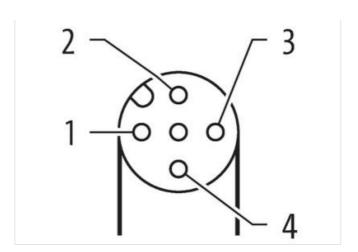


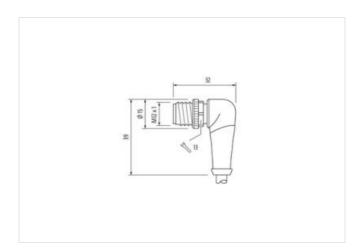


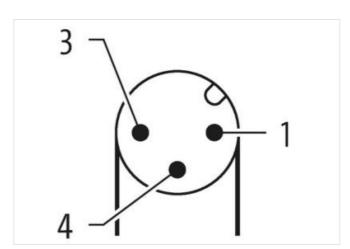


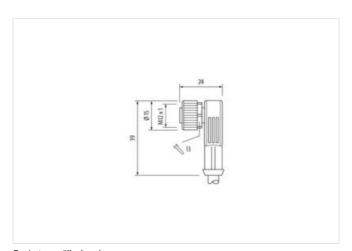
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Product may differ from Image





Cable length 0,3 m Side 1 Tightening torque 0,6 Nm



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•	Additional condition protection degree	inserted, screwed
Rated surge voltage 0,8 kV	Pollution Degree	3
	Rated surge voltage	0,8 kV

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: 2025-10-06



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Costing of filting Allorid gasbut FYOM Cooking material 2 me die casting Material screw connection 3 method inserted, screwed, Shaking protection Environmental characteristics Climate Departing temperature min.	Material group (IEC 60664-1)	
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Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Outer diameter insulation	1,25 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °C	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Shore hardness wire insulation	45 ± 5 Shore D
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Material properties wire insulation	good machinability
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Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Conductor crosssection (wire)	0,34 mm²
Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Conductor type (wire)	
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Nominal voltage AC max.	300 V
Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Current load capacity (standard)	
Electrical resistance line constant wire 57 Ω/km @ 20 °C	· · · · · · · · · · · · · · · · · · ·	
-	Electrical resistance line constant wire	
	AC withstand voltage (wire - wire)	2 kV @ 60 s



Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
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 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter