

M12 male 0° / M12 female 90° A-cod.

PVC 4x0.34 gy UL/CSA 5m

Art.No.: 7000-40121-2140500 Weight: 0.221 Country of origin: US Model designation: MSDL0-A-T214 5.0

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.

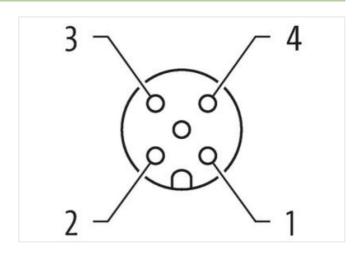
Product details: Male straight - female 90° M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

Illustration

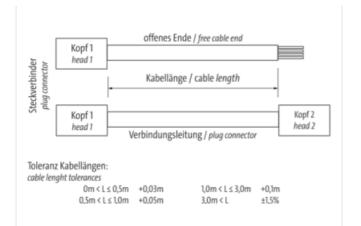


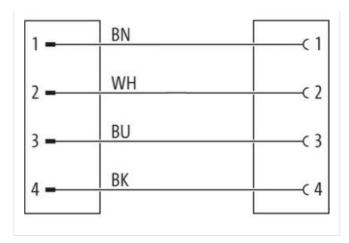


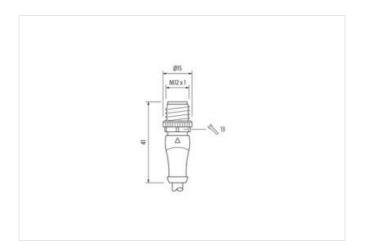
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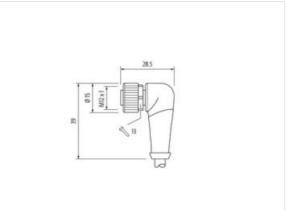
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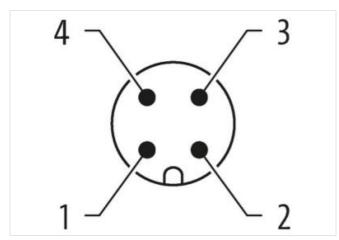












Product may differ from Image



Cable length	5 m	
Side 1		
Tightening torque	0,6 Nm	

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Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data 27279218 ECLASS 4.0 27260311 ECLASS 4.0 27600311 ECLASS 4.0 27060311 ECLASS 4.1 27060311 ECLASS 4.20 27060311 ECLASS 4.11 27060311 ECLASS 4.11 27060311 ECLASS 4.11 27060311 ECLASS 4.	Mounting method	inserted, screwed
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Operating temperature min30 °C		
	Operating temperature min.	-30 °C

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Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	214
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	±5%
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)	0,15 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire) Nominal voltage AC max.	Strand class 5 300 V
	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	4,ο A 57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire -	2 kV @ 60 s
jacket) Min. operating temperature (static)	-30 °C
Max. operating temperature (static)	-30 °C
Operating temperature (fixed)	-5°℃
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-5 °C 80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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

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: 2025-08-05

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