

M12 male 0° / M12 female 90° A-cod.

PUR 8x0.25 gy UL/CSA+drag ch. 0.15m

Art.No.: 7000-48011-2950015

Weight: 0.032 Country of origin: CZ

Model designation: MSDL0-A-08D295 0.15

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, 8-pole

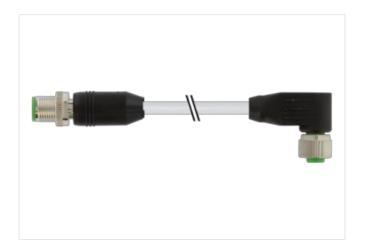
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

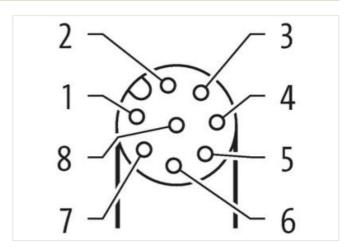
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

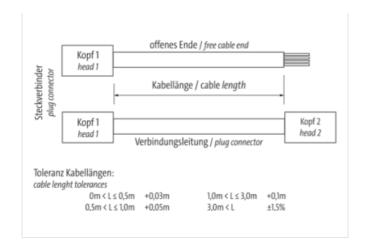
Illustration

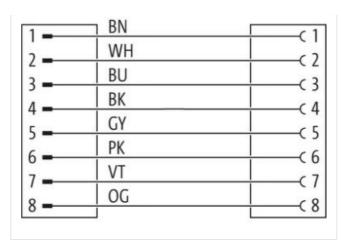


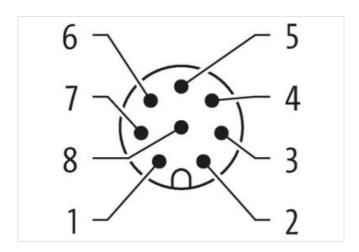


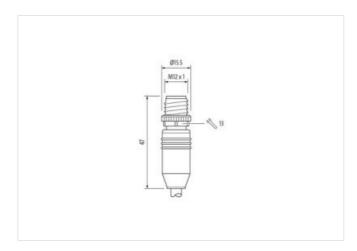


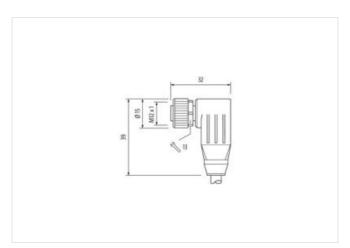
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Product may differ from Image











Cable length

0,15 m

Side 1

Tightening torque

0,6 Nm



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Family construction form M12	Coating contact	gold plated
Thread		
Garder	·	
Cable outlet straight Coding A Material contact Coppor alloy No. of poles B Width across flats SW13 Side 2 Toptisming torque 0.6 Nm Coating contact gold plated Family construction form M12 Thread M12 x I Gender female Cable outlet angled Cacking A Material contact Copper alloy No. of poles 8 Width across flats SW13 Commercial data ECLASS-6.1 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 <		
Coping		
Material contact		-
No. of poles		
Width across fields		
Side 2		
Tightening torque 0,8 km Costing contact gold plated Family construction form M12 Thread M12 x 1 Gender female Cable cuttet angled Coding A A Material contact Copper alloy No. of poles B Width across flats SW13 Commercial data ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.3 2706031		5W13
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Family construction form M12		·
Thread		
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Contour for corrugated hose without Mechanical data Material data		· · · · · · · · · · · · · · · · · · ·
Mechanical data Material data	Mechanical data	
	Contour for corrugated hose	without
Color housing black	Mechanical data Material data	
	Color housing	black

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: 2025-11-12



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Coating locking	Nickeled
Color contact carrier	green
ocking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	District the connectors by suitable measures from mechanical leads of a by the years of cable ties
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
·	brown grange violet nink gray black blue white
vire arrangement Cable identification	brown, orange, violet, pink, gray, black, blue, white 295
Cable Type	3
Jable Type Jacket Color	
Type of Certificate	gray
Amount stranding	1
Stranding	8 wires around Core filler twisted
Filler	yes
vire arrangement	brown, orange, violet, pink, gray, black, blue, white
Cable weigth	55 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5.8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire) Material conductor wire	0,25 mm² Stranded copper wire, bare
Conductor type (wire) Nominal voltage AC max.	strand class 6 300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire -	
acket)	2,5 kV @ 60 s
	10.00
Min. operating temperature (static)	-40 °C



Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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
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
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min