

M12 male 90° / M12 female 0° A-cod. Lite

PVC 8x0.25 bk UL/CSA 10m

Art.No.: 7005-48031-6071000

Weight: 0.613 Country of origin: DE

Model designation: MSBL0-C-08D607_10.0-S05

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 90° - female straight

M12 - M12, 8-pole

7005 - plastic hexagonal screw (M12 Lite)

with cable sleeves

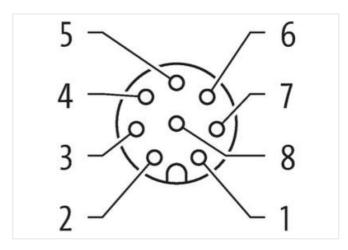
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

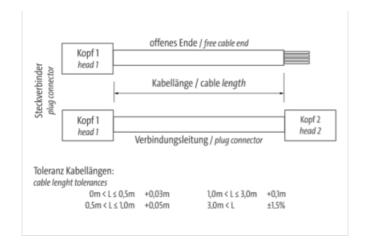
Illustration

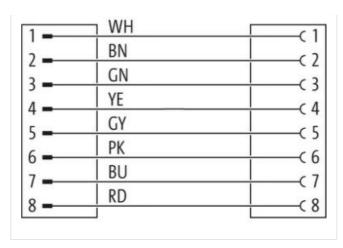


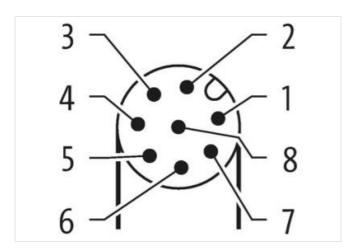


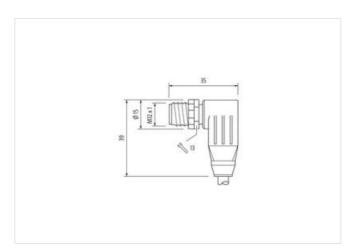


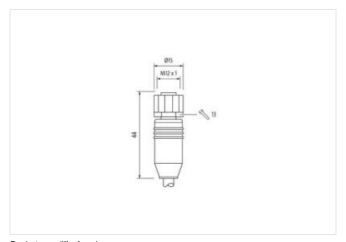
stay connected











Product may differ from Image





Cable length	10 m
Side 1	
Tightening torque	0,6 Nm



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Coating contact gold plated Family construction form M12 Timed M12 1 Gender male Cable cutlet angled Cable cutlet angled Coding A Multorial contact Coppor alloy No. of poles 8 Width across flats SWT3 Degree of protection (EN IEC 80529) IPP65, IP66, IP67 Side 2 PP65, IP66, IP67 Side 2 Tight-ning torque O. 8 Nm Mauring method Inserted, screwed Coating contact gold plated Family construction form M12 Timead M12 1 Gender female Cable outlet straight Caffing A Material contact Copper alloy No. of poles 8 Width across flats SWT3 Degree of protection (EN IEC 80529) IPES, IP66, IP67 Commercial data SWT3 ECLASS-8.0 22729218 ECLAS	Mounting method	inserted, screwed
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Rated surge voltage 0,8 kV		
	Material group (IEC 60664-1)	<u> </u>
Mechanical data		·

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: 2025-11-06



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Contour for corrugated hose	without
Mechanical data Material data	
Color housing	black
Color contact carrier	green
Material gasket	FKM
Locking material	PA
Material screw connection	PA
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
	-25 °C
Operating temperature min.	-25 ℃ 85 °C
Operating temperature max.	
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, white, red, blue, pink, gray, yellow, green
Cable identification	607
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	58,3 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)	6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	1.2 mm
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	± 5 % 45 ± 5 Shore D
Shore hardness wire insulation	
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free 32
Amount strands (wire)	
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
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
UV resistance	DIN EN ISO 4892-2 A
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