

M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 10m

Art.No.: 7000-88261-2301000

Weight: 0.25

Country of origin: US

Model designation: MSDL0-H-R230 10.0

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°

M8 - M12, 3-pole

M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

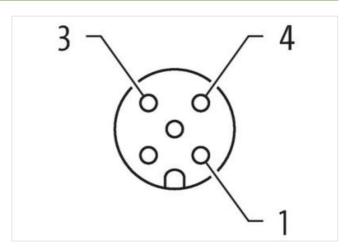
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

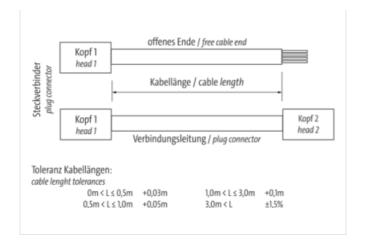
Illustration

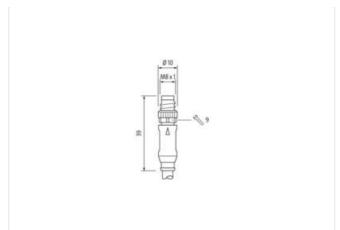


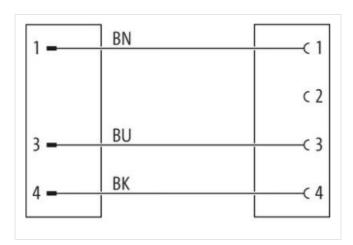


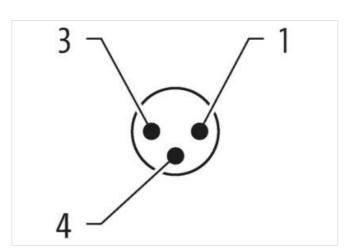


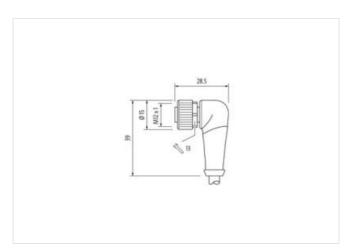
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Product may differ from Image











Cable length

10 m

Side 1

Tightening torque

0,4 Nm



Mounting method inserted, screwed Coating contact gold plated Family construction form **M8** Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding Α **Material contact** Copper alloy No. of poles Width across flats SW9 Side 2 **Tightening torque** 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding Α Material contact Copper alloy No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879122856 EAN 4048879122856 Packaging unit 1 Packaging unit 1 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 Device protection | Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3

Rated surge voltage

Material housing

Coating locking Material gasket

Material group (IEC 60664-1)

Mechanical data | Material data

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-04

1,5 kV

PUR Nickeled

FKM

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The information in this Product-PDF has been compiled with the utmost care.



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Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
	moortes, corones, chaming protection
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
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), DIN EN 61076-2-114 (M8)
Installation Cable	
·	brown block blue
wire arrangement Cable identification	brown, black, blue 230
Cable Type	3
Jacket Color	
	cURus
Type of Certificate Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth Material jacket	26,4 g/m PUR
	90 ± 5 Shore A
Shore hardness jacket	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm
Outer-diameter (jacket)	±5%
Tolerance outer diameter (sheath) Material wire insulation	PP
Amount wires	3
	-
Outer diameter insulation Outer diameter tolerance core insulation	1,25 mm ± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32
Amount strands (wire)	
Diameter of single wires	0,1 mm 0,25 mm ²
Conductor crosssection (wire)	·
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard) Current load capacity min. wire	to DIN VDE 0298-4
Electrical resistance line constant wire	4,5 A 79 Ω/km @ 20 °C
	2.5 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	2,3 NY (W UU S
jacket) Min. operating temperature (static)	2,5 kV @ 60 s -40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 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
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