

M12 female 90° with cable

TPE 8x22AWG ye UL/CSA. ITC/PLTC 3m

Art.No.: 7700-17061-U0H0300

Weight: 0.227 Country of origin: DE

Model designation: MSDL0-08DU0H 3.0

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:

Female 90° M12, 8-pole without cable sleeves Cable is approved for 300 V

USA

Plastic housings with good resistance against chemicals and oils.

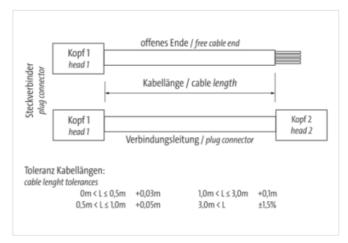
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

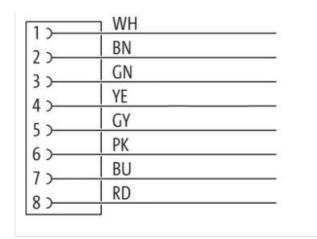
Illustration

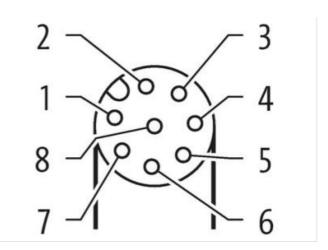


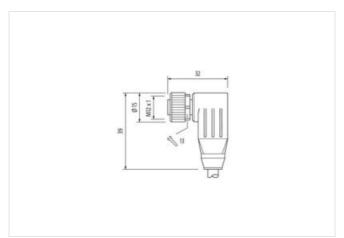




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Product may differ from Image









Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	60 mm
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311



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ECLASS-1.1 2766311 ECLASS-1.2 2766311	ECLASS-10.1	27060311
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Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	wire arrangement	red, (brown, white, blue, pink, gray, yellow, green)
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Cable weigth	70,4 g/m
	Material jacket	TPE
Outer-diameter (jacket) 6,76 mm	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
	Outer-diameter (jacket)	6,76 mm



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Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,27 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	34 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	46,9 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)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m