

M12 male 90° / M12 female 90° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 0.3m

Art.No.: 7000-46061-8020030

Weight: 0.066 Country of origin: HU

Model designation: MSDL0-C-6p2_802_0.3-ZE

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:

Further cable lengths on request.

Cube67

Male 90° - female 90°

M12 - M12, 6-pole

A-coded

shielded

Hybrid cable

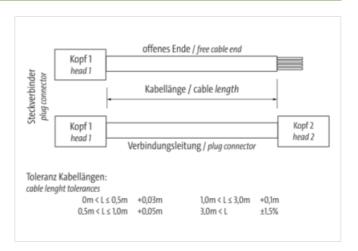
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

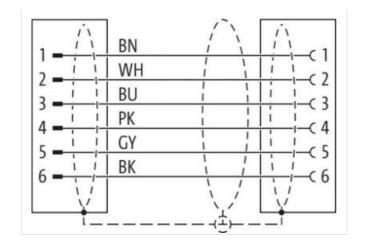
Illustration

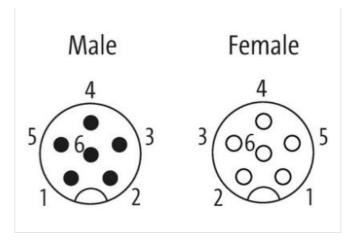


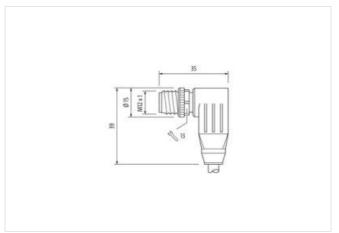


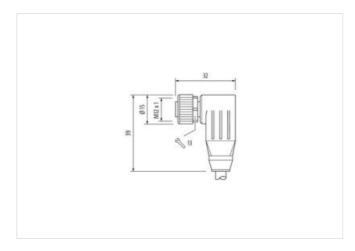


stay connected









Product may differ from Image





Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	6
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A



stay connected

Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 GTIN 4048879140195 GTIN 4048879140195 Packaging unit 1	Material contact	Copper alloy
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wire arrangement (gray, pink), blue, white, brown, black	Note on bending radius	
	Installation Cable	
Cable identification 802	wire arrangement	(gray, pink), blue, white, brown, black
	Cable identification	802



Function cable	Hybrid Signal Data	
Jacket Color	Hybrid, Signal, Data	
	green	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	2 wires twisted	
Amount stranding (type 2)	1	
Stranding (type 2)	4 wires with Stranding combination with 3 Filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	80 %	
Banding	Fleece	
Filler	yes	
wire arrangement	(gray, pink), blue, white, brown, black	
Cable weigth	77 g/m	
Material jacket	PUR	
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free	
Outer-diameter (jacket)	6,6 mm	
Tolerance outer diameter (sheath)	± 5 %	
Material wire insulation	PP	
Amount wires	4	
Outer diameter insulation	1,4 mm	
Outer diameter tolerance core insulation	±5%	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Amount strands (wire)	64	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0.5 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Material wire insulation (Data)	PP	
Outer diameter wire insulation (Data)	1,1 mm	
Tolerance outer diameter wire insulation	•	
(data)	±5%	
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Amount wires (Data)	2	
Amount strands wire (Data)	32	
Diameter of single wires (Data)	0,1 mm	
Conductor crosssection wire (Data)	0,25 mm ²	
Material conductor wire (Data)	Stranded copper wire, bare	
Wire conductor type (Data)	strand class 6	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	6,3 A	
Current load capacity min. Wire (Data)	3,2 A	
Electrical resistance line constant wire	39 Ω/km @ 20 °C	
Electrical resistance coating wire (Data)	79 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	1,5 kV @ 60 s	
Electric inductivity line constant	0,65 mH/km	
Electrical capacity line constant (wire - wire) 63000 pF/km		
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s	
AC withstand voltage (wire - shield)	1,2 kV @ 60 s	
Isolation resistance	2000 MΩ × km	
Min. operating temperature (static)	-50 °C	
Max. operating temperature (fixed)	90 °C	
Operating temperature (inxed)	-30 °C	
Operating temperature max. (dynamic)	70 °C	
operating temperature max. (dynamic)		

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: 2025-05-11



Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Torsion stress	± 180 °/m