

M12 female 0° A-cod.with cable

PUR (4x0.5C+2x0.5)C shielded ye 1.5m

Art.No.: 7000-15101-1380150

Weight: 0.203 kg

Country of origin: DE

Model designation: MSBL0-6p2_138_1.5

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:

Cube67

Female straight

M12, 6-pole

Actuator supply external

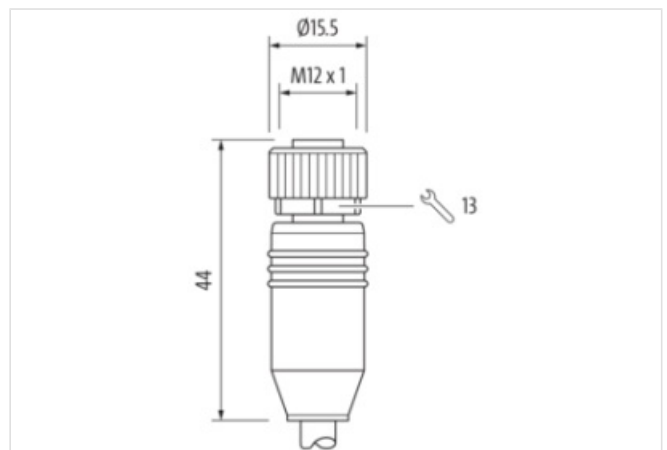
Further cable lengths on request.

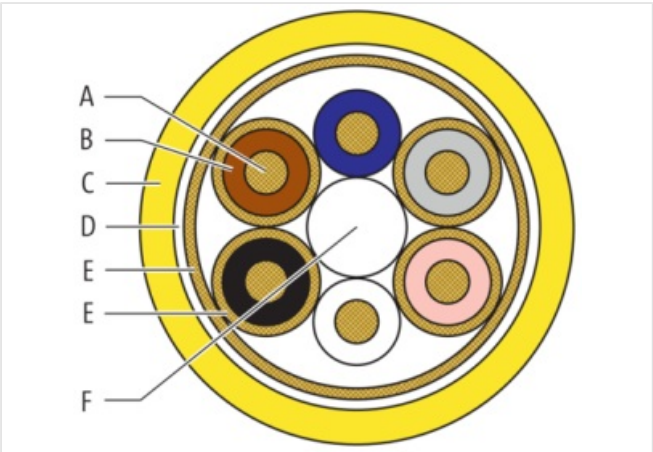
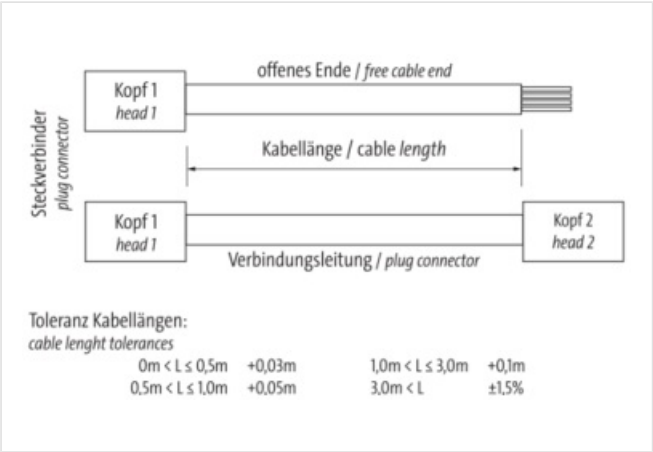
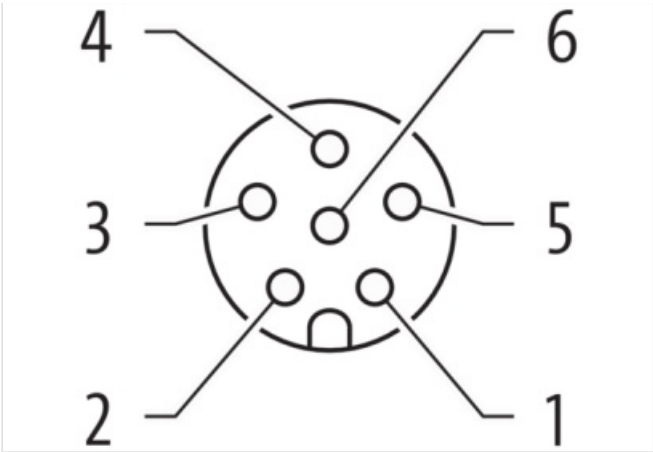
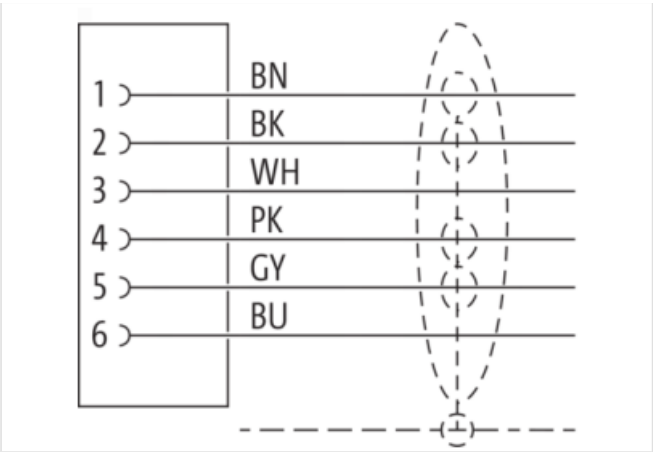
Plastic housings with good resistance against chemicals and oils.

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

[Link to Product](#)

Illustration





Product may differ from Image



Header	
Cable length	1,50 m
Side 1	

Family construction form	M12
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW13
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-15101-1380150
customs tariff number	85444290
EAN	4048879380522
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A

Installation | Connection

Mounting set	M12 x 1
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Mechanical data | Material data

Material screw connection	Zinc die-casting
Coating of fitting	nickel plated

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-30 °C
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Important installation notes

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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Installation | Cable

Cable identification	138
Amount stranding	1
Stranding	1 x Wires
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Pair shielding (type)	copper braid, tinned
Pair shielding (coverage)	85 %
Banding	Fleece
Filler	Yes
Wire arrangement	brown, blue, gray, pink, white, black
Cable weight	112 g/m
Material wire insulation	PP
Amount wires	6
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	55 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	28

Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	8 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	85 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	39 Ω/km @ 20 °C
Nominal voltage max.	100 V
Withstand voltage (wire - wire)	1.2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	6,3 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Other resistances	resistant to hydrolysis, resistant to microbes
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C