

**M12 male 0° / M12 female 0° A-cod.**

PUR 2x1.5 gy UL/CSA+drag ch. 0.6m

Art.No.: 7060-40005-5880060

Weight: 0.076 kg

Country of origin: CZ

Model designation: MSBL0-A-C588\_0.6-S60

**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:**

AS-Interface

Male straight – female straight

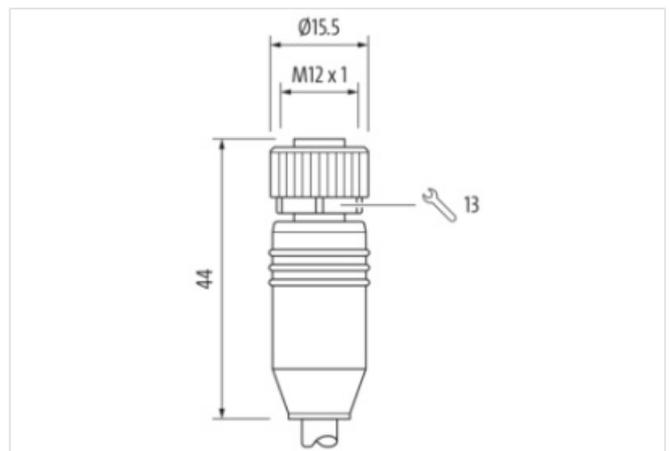
M12 – M12, 2-pole

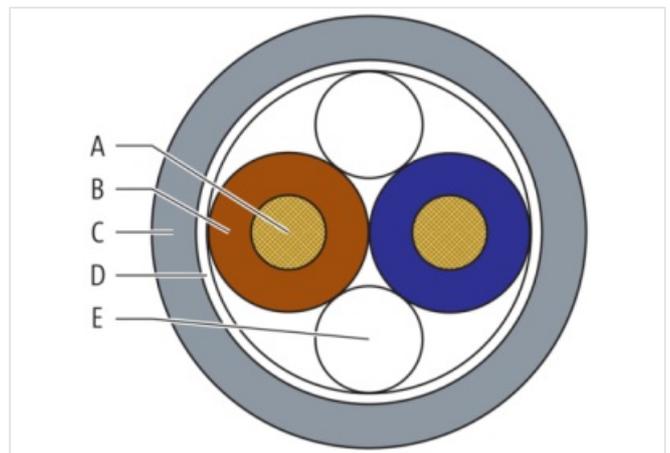
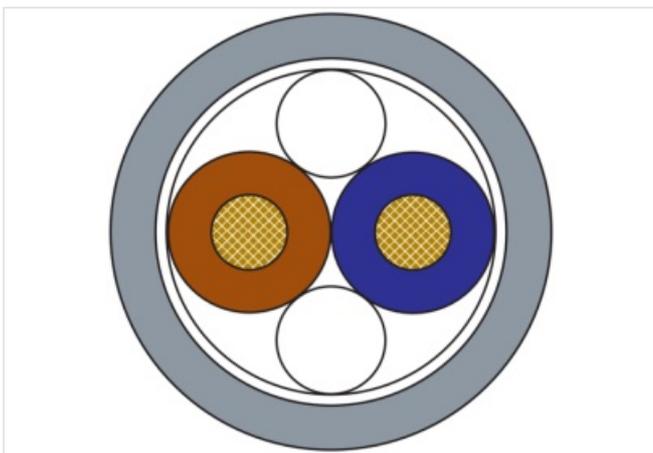
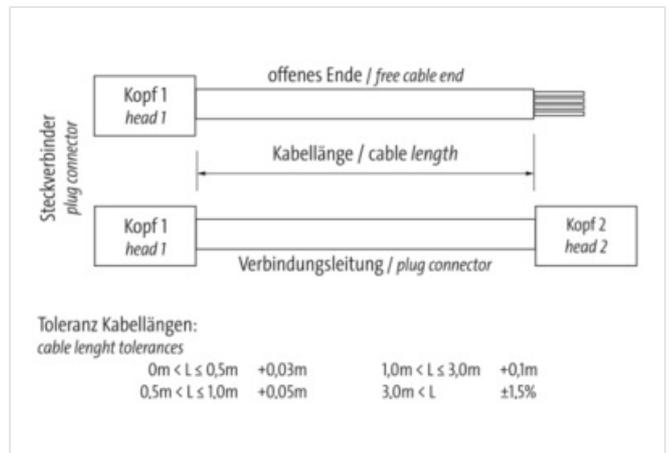
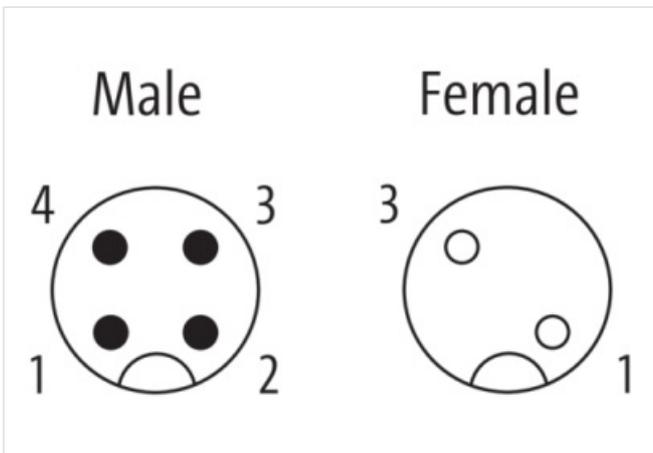
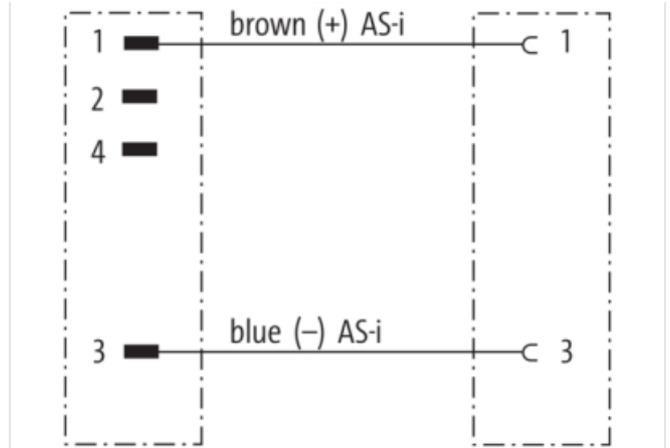
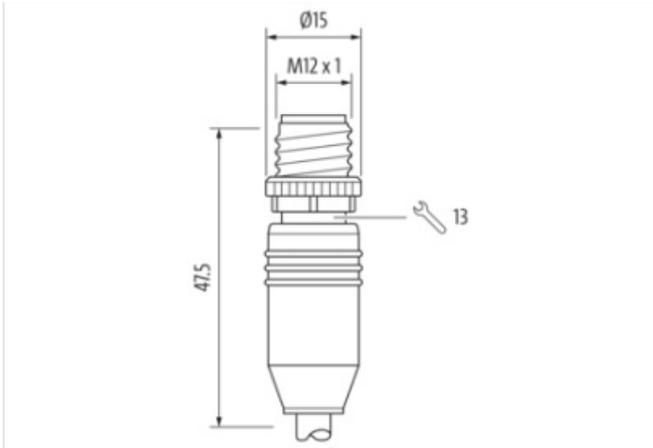
for MASI68

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**



Product may differ from Image



**Header**

Cable length 0,60 m

**Side 1**

Family construction form	M12
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Degree of protection (EN IEC 60529)	IP67, IP68
<b>Side 2</b>	
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
<b>Commercial data</b>	
URL Webshop	<a href="https://shop.murrelektronik.com/7060-40005-5880060">https://shop.murrelektronik.com/7060-40005-5880060</a>
customs tariff number	85444290
EAN	4048879307130
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
<b>Device protection   Electrical</b>	
Additional condition protection degree	inserted, screwed
<b>Mechanical data   Material data</b>	
Locking material	Zinc die-casting
Coating locking	Nickel
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on bending radius	<b>Attention:</b> 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.
<b>Installation   Cable</b>	
Cable identification	588
Amount stranding	1
Stranding	Wires
Banding	Fiber tape
Filler	Yes
Cable weight	73 g/m
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	2,95 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	8 mm

Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	13.3 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 300 s
Withstand voltage (wire - jacket)	2 kV @ 300 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	18 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 60 °C @ Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C
Other resistances	resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	10 × Outer diameter
Bending radius (dynamic)	15 × 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)	2 m/s @ 25 °C
Acceleration (C-track)	5 m/s <sup>2</sup> @ 25 °C