

**M12 female 0° A-cod. screw terminal**

5-pol., max. 0,75mm<sup>2</sup>, 6 - 8mm

Art.No.: 7000-12961-0000000

Weight: 0.027 kg

Country of origin: DE

Model designation: MSB-U9

Female straight

M12, 5-pole

Screw terminals

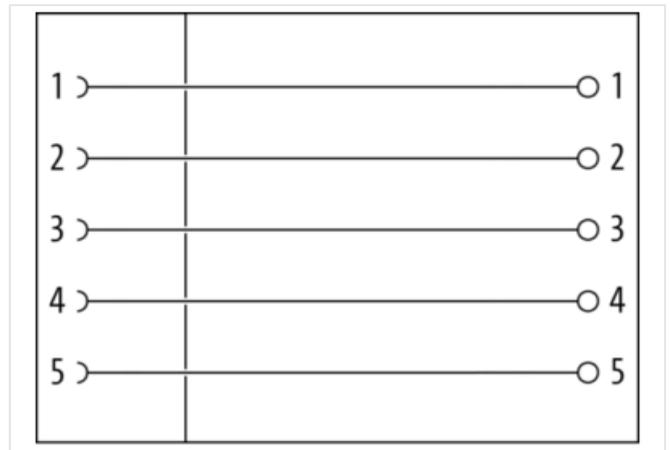
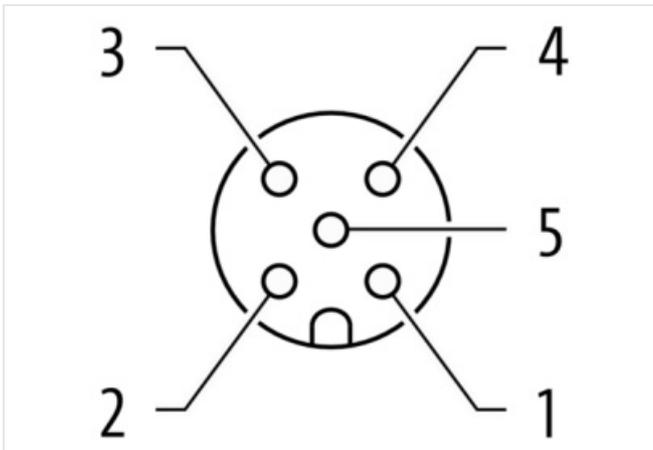
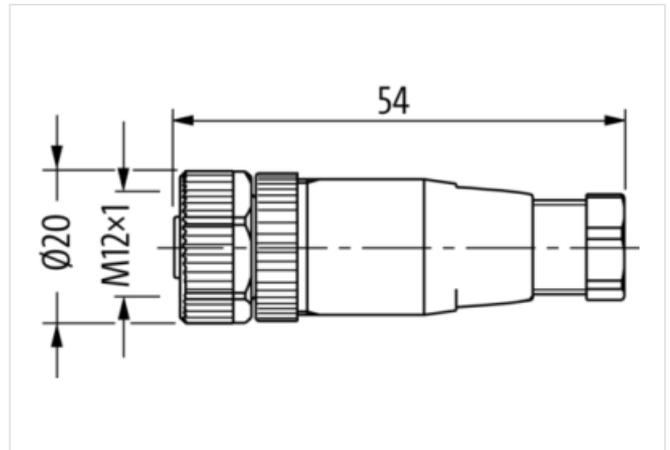
Sealing range (cable Ø): 6...8 mm

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



**Side 1**

Family construction form

M12

No. of poles	5
Coding	A
Gender	female
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW18
Cable outlet	straight
Material contact	Brass
Degree of protection (EN IEC 60529)	IP67

**Side 2**

Mounting method	Field-wireable
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**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-12961-0000000">https://shop.murrelektronik.com/7000-12961-0000000</a>
GTIN	4048879201537
ECLASS-6.0	27279221
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-7.1	27440102
ECLASS-8.0	27440102
ECLASS-8.1	27440102
ECLASS-9.0	27440116
ECLASS-9.1	27440106
ECLASS-10.0.1	27440106
ECLASS-10.1	27440102
ECLASS-11.0	27440106
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440106
ECLASS-14.0	27440106
ETIM-5.0	EC002635
ETIM-6.0	EC002635
ETIM-7.0	EC002635
ETIM-8.0	EC002635
customs tariff number	85366990
EAN	4048879201537
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
Operating voltage AC max. (UL-listed)	125 V
Operating voltage DC max. (UL-listed)	125 V
Current operating per contact max. (URc.)	3 A

**Installation**

Connection cross section max.	0,75 mm <sup>2</sup>
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**Installation | Connection**

Connection	Screw terminals SK
Tightening torque	0,6 Nm
Width across flats	SW18

**Device protection | Electrical**

Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Overvoltage category (EN 60664-1)	III
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Overvoltage category (EN 60950-1)	II
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Rated surge voltage	1,5 kV
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#### Mechanical data | Material data

housing	PA
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#### Mechanical data | Mounting data

Height	54 mm
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Width	20 mm
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Depth	20 mm
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Mounting method	inserted, screwed
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Clamping range min.	6 mm
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Clamping range max.	8 mm
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#### Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max.	85 °C
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#### Important installation notes

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