

**M12 female 0° A-cod. screw terminal**4-pol., max. 0,75mm<sup>2</sup> 4 - 6mm

Art.No.: 7000-12901-0000000

Weight: 0.025

Country of origin: DE

Model designation: MSB-T7

Female straight

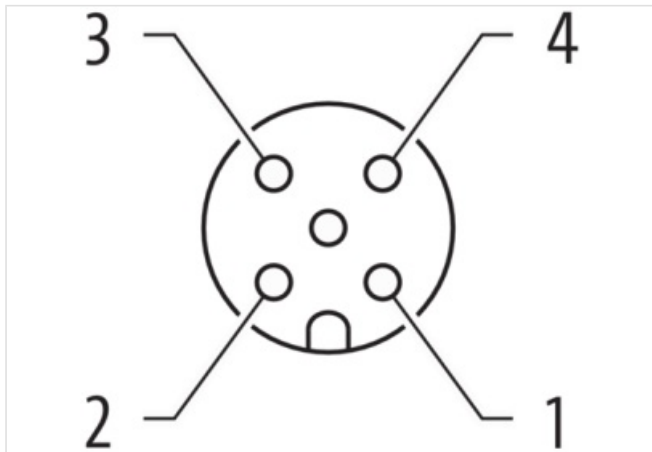
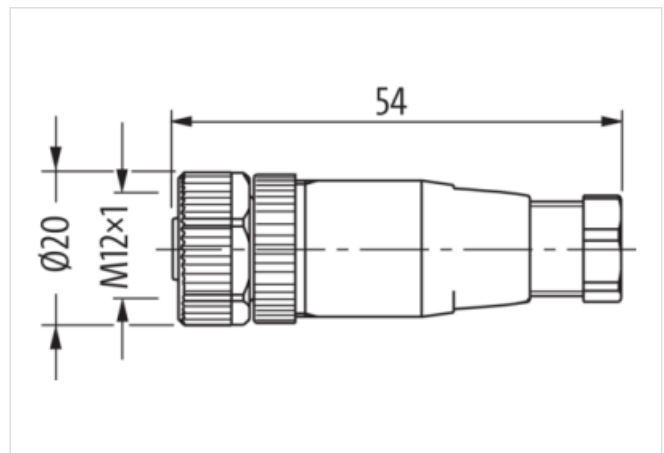
M12, 4-pole

Screw terminals

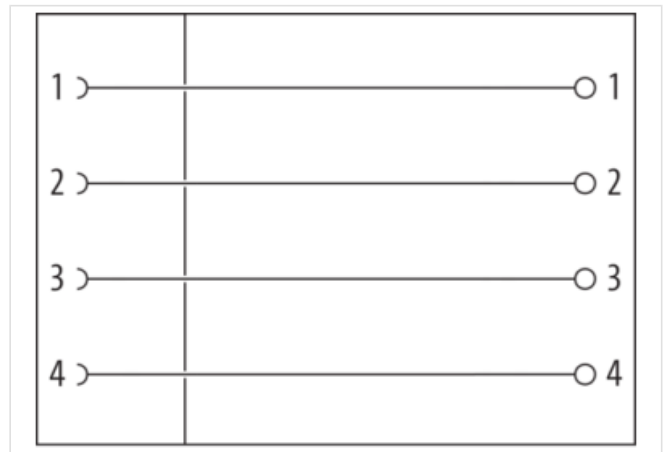
Sealing range (cable Ø): 4...6 mm

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

**Header**

Material short text

MSB-T7

**Side 1**

Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Mounting method	field-wireable
Thread	M12
Tightening torque	0.6 Nm
Width across flats	SW18
Cable outlet	straight
Material	PA
Material contact	Brass
Degree of protection (EN IEC 60529)	IP67

**Side 2**

Mounting method	field-wireable
Cable outlet	straight

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-12901-0000000">https://shop.murrelektronik.com/7000-12901-0000000</a>
GTIN	4048879201568
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	4048879201568
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A

**Installation**

Connection cross section max.	0.75 mm²
Cross section connection without wire end ferrule AWG max.	18 AWG

**Installation | Connection**

Tightening torque	0.6 Nm
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**Device protection**

Shielded no

#### Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60664-1)	II
Rated surge voltage	2.5 kV
Insulation resistance min.	100 mΩ
Material group (IEC 60664-1)	III

#### Mechanical data | Mounting data

Height	54 mm
Width	20 mm
Depth	20 mm
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	6 mm

#### Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C

#### 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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on mounting	The plug connectors must not be connected or disconnected under load. Non-compliance and improper use can result in personal injury., The user must take suitable safety precautions to ensure that the plug connector cannot be accidentally disconnected., To

#### Conformity

Product standard	DIN EN 61076-2-101 (M12)
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