

M12 female 0° A-cod. screw terminal4-pol., max. 0,75mm² 4 - 6mm

Art.No.: 7000-12901-0000000

Weight: 0.025 kg

Country of origin: DE

Model designation: MSB-T7

Female straight

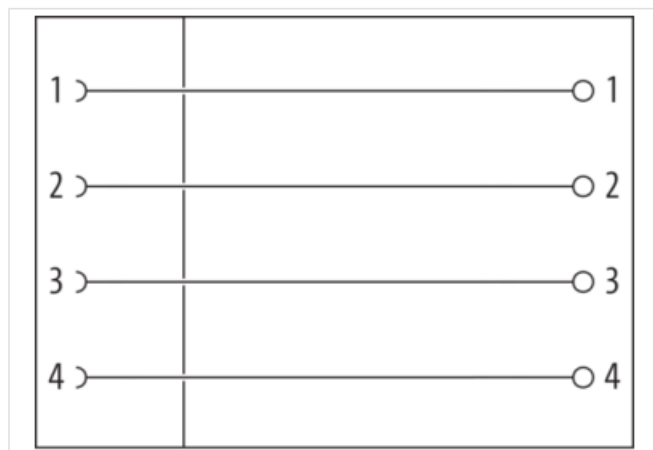
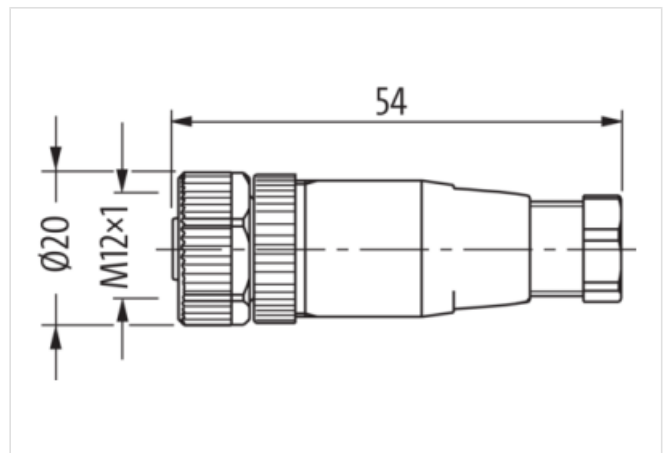
M12, 4-pole

Screw terminals

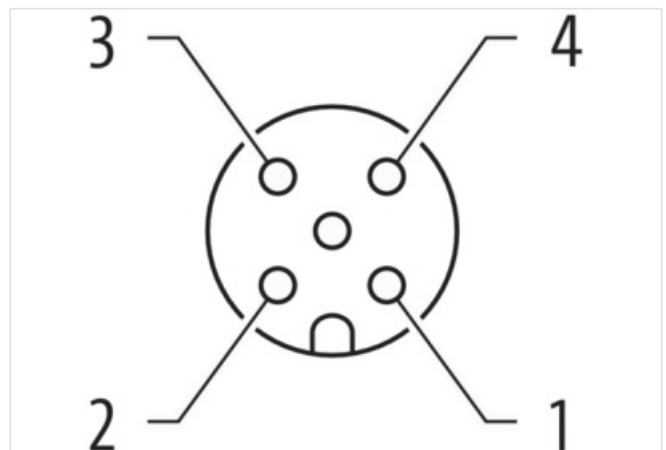
Sealing range (cable Ø): 4...6 mm

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 |
| Threaded hole | 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 | https://shop.murrelektronik.com/7000-12901-0000000 |
| 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 |
| 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

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: 2025-12-19

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Tightening torque 0,6 Nm

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 **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.

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 EN IEC 61076-2-101 (M12)