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

4-pol., max. 0,75mm² 4 - 6mm

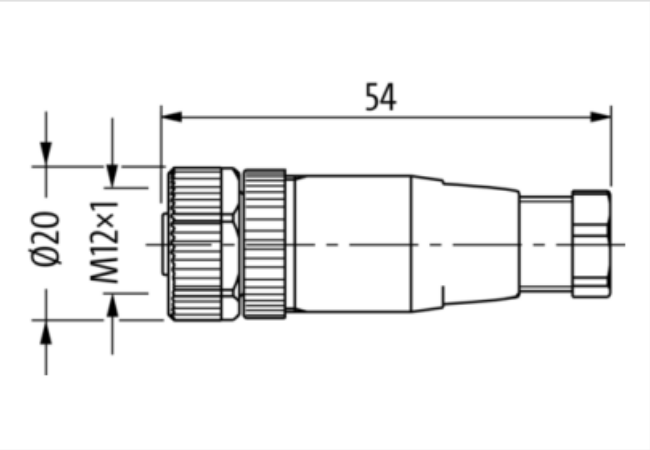
Art.No.: 7000-12901-0000000
Weight: 0,025 kg
Country of origin: DE
Model designation: MSB-T7

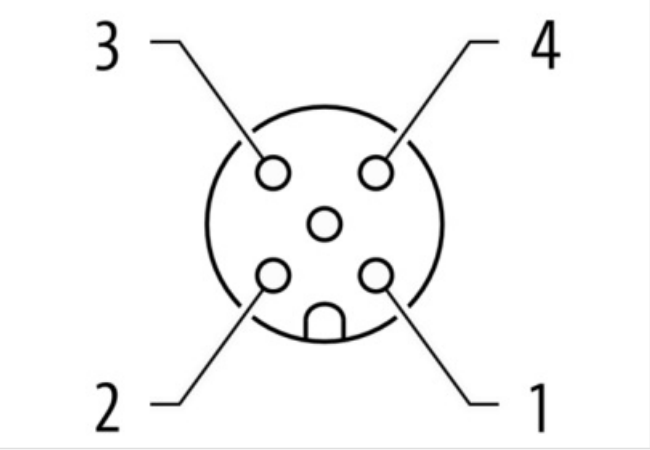
Female straight
M12, 4-pole
Screw terminals
Sealing range (cable Ø): 4...6 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

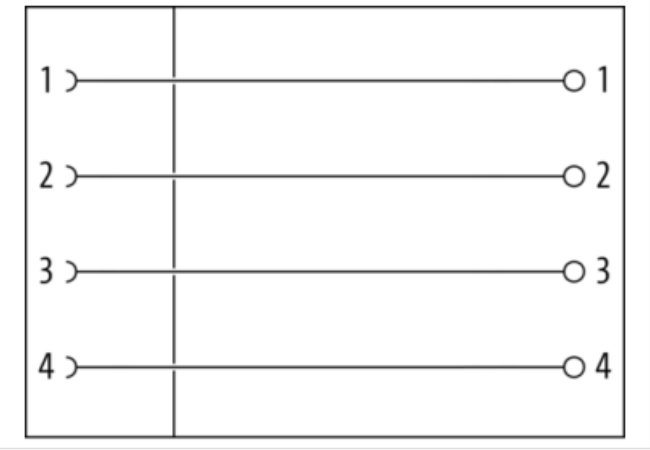
**Link to Product**

**Illustration**






Product may differ from Image

**Side 1-1**

| | |
|---|---|
| Family construction form | M12 |

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: 2026-10-15

| | |
|---|---|
| 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 2-2**

| | |
|---|---|
| Mounting method | Field-wireable |
| Cable outlet | straight |

**Commercial data**

| | |
|---|---|
| URL Webshop | https://shop.murrelektronik.com/7000-12901-0000000 |
| GTIN | 4048879201568 |
| EU-Customs tariff number | 85366990 |
| US-Customs tariff number | 8536694020 |
| 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 |
| ETIM-9.0 | EC002635 |
| ETIM-10.0 | 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 |

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: 2026-10-15

| | |
|---|---|
| **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) |

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: 2026-10-15