

M12 female 0° A-cod. screw terminal5-pol., max. 0,75mm², 6 - 8mm

Art.No.: 7000-12961-0000000

Weight: 0.027

Country of origin: DE

Model designation: MSB-U9

Female straight

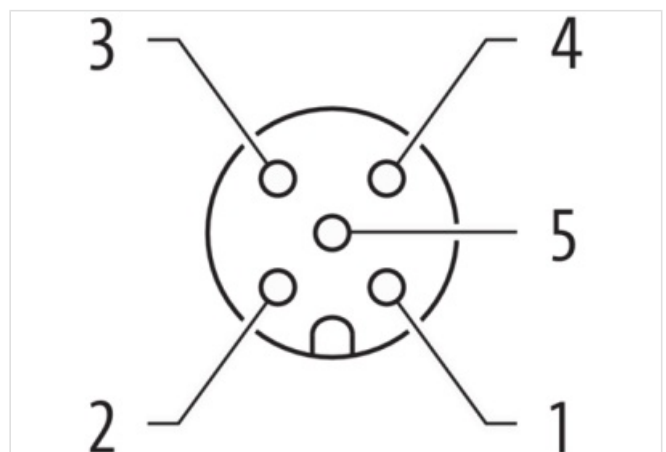
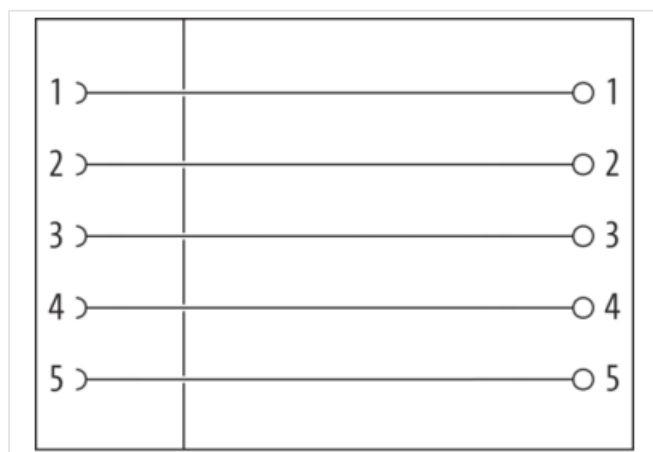
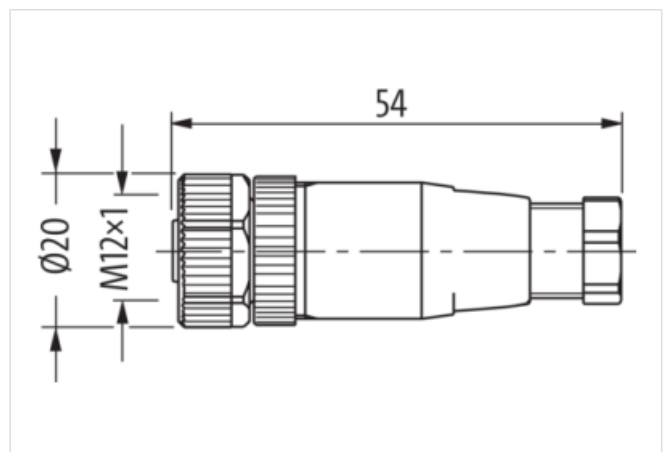
M12, 5-pole

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

**Header**

Material short text

MSB-U9

Side 1

| | |
|-------------------------------------|------|
| Family construction form | M12 |
| Degree of protection (EN IEC 60529) | IP67 |

Commercial data

| | |
|-----------------------|---|
| URL Webshop | https://shop.murrelektronik.com/7000-12961-0000000 |
| 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 mm² |
|-------------------------------|----------|

Installation | Connection

| | |
|--------------------|--------|
| Tightening torque | 0.6 Nm |
| Width across flats | SW18 |

Device protection | Electrical

| | |
|--|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Overvoltage category (EN 60664-1) | III |
| Overvoltage category (EN 60950-1) | II |
| Rated surge voltage | 1.5 kV |

Mechanical data | Material data

| | |
|------------------|----|
| Material housing | PA |
|------------------|----|

Mechanical data | Mounting data

| | |
|--------|-------|
| Height | 54 mm |
| Width | 20 mm |

| | |
|---|---|
| Depth | 20 mm |
| Mounting method | inserted, screwed, Shaking protection |
| Clamping range min. | 6 mm |
| Clamping range max. | 8 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. |