

M12 female 0° A-cod. screw terminal

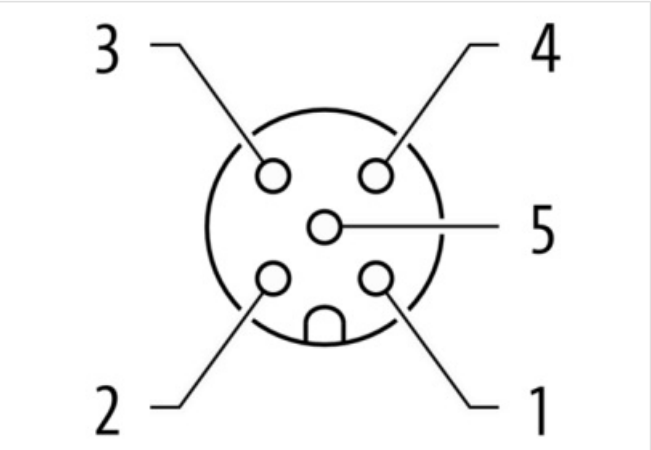
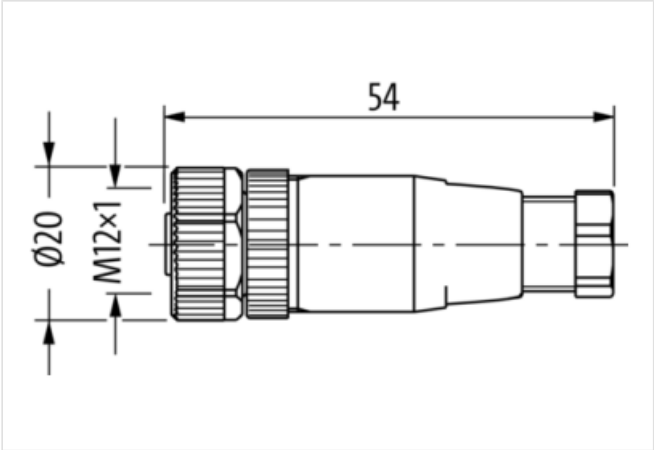
5-pol., max. 0,75mm² 4 - 6mm

Art.No.: 7000-12922-0000000  
Weight: 0.030 kg  
Country of origin: CN  
Model designation: MSBL0-U

Female straight  
M12, 5-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



|   |     |
|---|-----|
| 1 | ○ 1 |
| 2 | ○ 2 |
| 3 | ○ 3 |
| 4 | ○ 4 |
| 5 | ○ 5 |

Product may differ from Image



Side 1

Family construction form M12

|                                     |              |
|-------------------------------------|--------------|
| Coding                              | A            |
| Material contact                    | Copper alloy |
| Degree of protection (EN IEC 60529) | IP67         |

**Commercial data**

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7000-12922-0000000">https://shop.murrelektronik.com/7000-12922-0000000</a> |
| GTIN                  | 4065909040867                                                                                                       |
| Customs tariff number | 85366990                                                                                                            |
| 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              | EC001855                                                                                                            |
| ETIM-6.0              | EC001855                                                                                                            |
| ETIM-7.0              | EC001855                                                                                                            |
| ETIM-8.0              | EC001855                                                                                                            |
| customs tariff number | 85366990                                                                                                            |
| EAN                   | 4065909040867                                                                                                       |
| Packaging unit        | 1                                                                                                                   |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC max.          | 60 V |
| Current operating per contact max. | 4 A  |

**Installation**

|                               |          |
|-------------------------------|----------|
| Connection cross section max. | 0,75 mm² |
|-------------------------------|----------|

**Installation | Connection**

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

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Overvoltage category (EN 60950-1)      | II                |
| Insulation resistance min.             | 100 mΩ            |

**Mechanical data | Material data**

|                  |              |
|------------------|--------------|
| housing          | PBT          |
| Coating contact  | gold plated  |
| Locking material | Copper alloy |

**Mechanical data | Mounting data**

|                     |      |
|---------------------|------|
| Clamping range min. | 4 mm |
| Clamping range max. | 6 mm |

**Environmental characteristics | Climatic**

|                                     |                                                                                                                                                       |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature min.          | -40 °C                                                                                                                                                |
| Operating temperature max.          | 85 °C                                                                                                                                                 |
| <b>Important installation notes</b> |                                                                                                                                                       |
| 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.                                                   |