

**M12 female 0° A-cod. IDC**

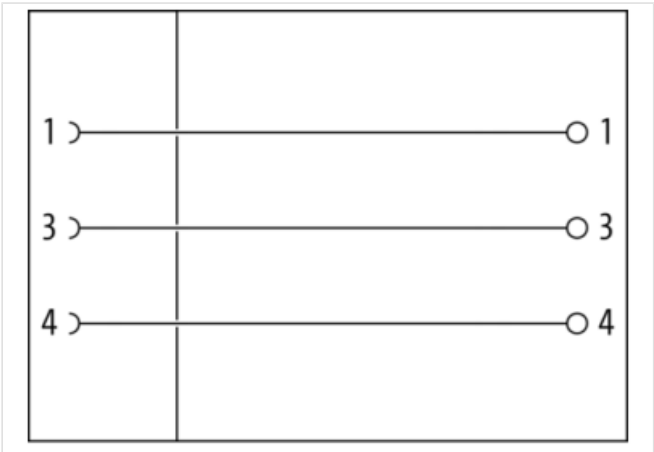
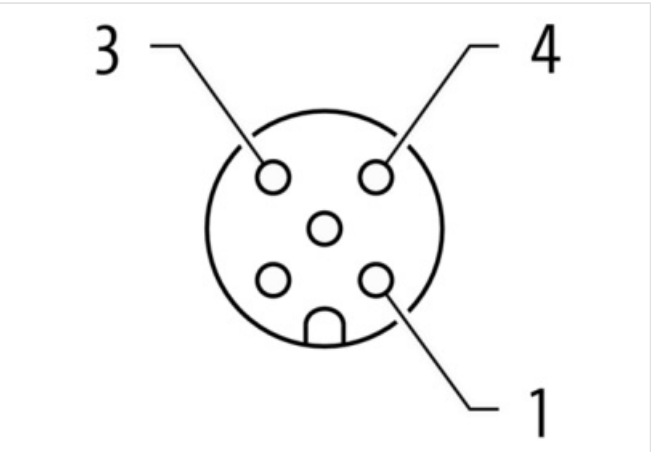
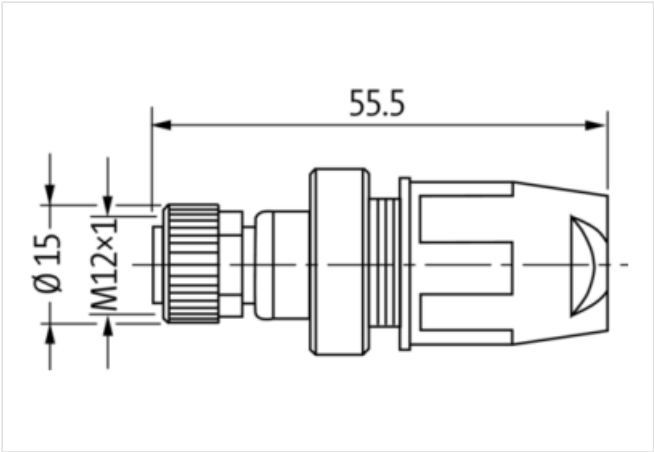
3-pol., 0.5 - 1.0mm², 5,5 - 8mm

Art.No.: 7000-12621-0000000  
Weight: 0.020 kg  
Country of origin: DE  
Model designation: MSBL0-AF-W-IDC

Female straight  
M12, 3-pole  
IDC terminals  
Connection cross section: 0.5...1.0 mm²  
Art.-No. 7005 - M12 Lite - (plastic hexagonal screw) on request  
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**

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

**Commercial data**

|             |                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop | <a href="https://shop.murrelektronik.com/7000-12621-0000000">https://shop.murrelektronik.com/7000-12621-0000000</a> |
|-------------|---------------------------------------------------------------------------------------------------------------------|

|                          |               |
|--------------------------|---------------|
| GTIN                     | 4048879201735 |
| EU-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                 | EC002635      |
| ETIM-6.0                 | EC002635      |
| ETIM-7.0                 | EC002635      |
| ETIM-8.0                 | EC002635      |
| customs tariff number    | 85366990      |
| EAN                      | 4048879201735 |
| Packaging unit           | 1             |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 32 V |
| Operating voltage DC max.          | 32 V |
| Current operating per contact max. | 4 A  |

#### Installation

|                               |                     |
|-------------------------------|---------------------|
| Single wire diameter min.     | 0,1 mm              |
| Connection cross section min. | 0,5 mm <sup>2</sup> |
| Connection cross section max. | 1 mm <sup>2</sup>   |

#### Installation | Connection

|                               |        |
|-------------------------------|--------|
| Tightening torque             | 0,6 Nm |
| Wire insulation diameter min. | 1,6 mm |
| Wire insulation diameter max. | 2 mm   |

#### Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
|----------------------------------------|-------------------|

#### Mechanical data | Mounting data

|                     |                                       |
|---------------------|---------------------------------------|
| Height              | 55 mm                                 |
| Width               | 22 mm                                 |
| Depth               | 22 mm                                 |
| Mounting method     | inserted, screwed, Shaking protection |
| Clamping range min. | 5,5 mm                                |
| Clamping range max. | 8 mm                                  |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °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.                                                   |

