**M12 female 0° A-cod. IDC**

4-pol., 0,14 - 0,34mm², 2,9 - 5,1mm

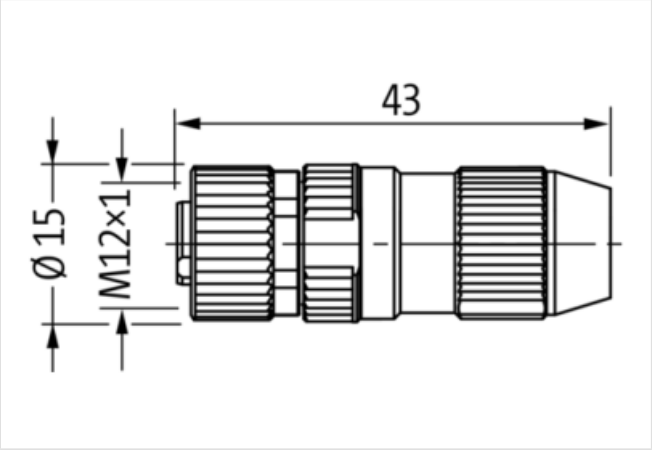
Art.No.: 7000-12611-0000000
Weight: 0,022 kg
Country of origin: DE
Model designation: MSBL0-AC-T MOSA 0,14-0,34qmm

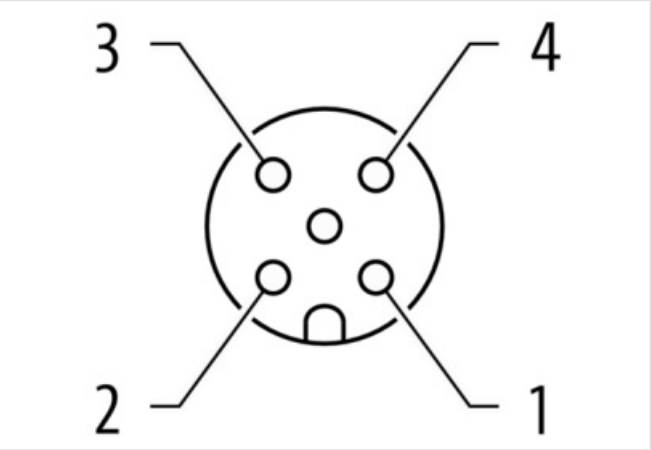
Female straight
M12, 4-pole
IDC terminals
Connection cross section: 0.14...0.34 mm²
The resistance to aggressive media should be individually tested for your application. Further details on request.

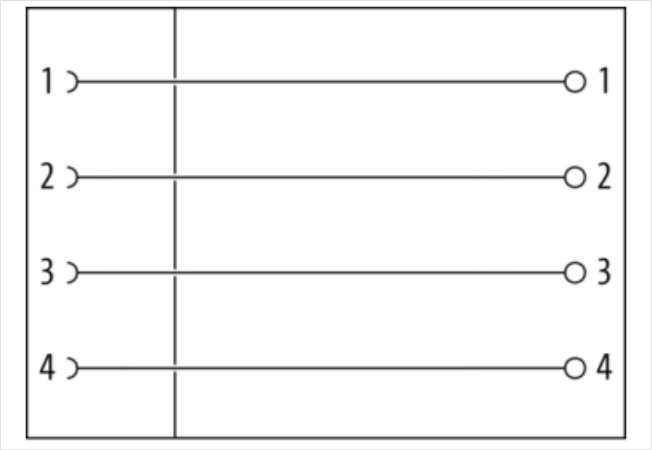
Link to Product

**Illustration**






Product may differ from Image

**Side 1-1**

| | |
|---|---|
| Family construction form | M12 |
| No. of poles | 4 |

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| | |
|---|---|
| Coding | A |
| Gender | female |
| Mounting method | inserted, screwed |
| Threaded hole | M12 x 1 |
| Tightening torque | 0.6 Nm |
| Cable outlet | straight |
| Material contact | Brass |
| Coating contact | gold plated |
| Degree of protection (EN IEC 60529) | IP67, IP65 |
| **Side 2-2** | |
| Mounting method | Field-wireable |
| **Commercial data** | |
| URL Webshop | https://shop.murrelektronik.com/7000-12611-0000000 |
| GTIN | 4048879201742 |
| 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 | 4048879201742 |
| Packaging unit | 1 |
| **Electrical data** | |
| Contact resistance max. | 10 mΩ |
| **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. | 0.14 mm² |
| Connection cross section max. | 0.34 mm² |
| **Installation \| Connection** | |

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| | |
|---|---|
| Connection | Cut clamps IDC |
| Tightening torque | 0.6 Nm |
| Mating cycles min. | 100 |
| Wire insulation diameter min. | 1 mm |
| Wire insulation diameter max. | 1.6 mm |
| **Device protection \| Electrical** | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1.5 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| housing | PA |
| **Mechanical data \| Mounting data** | |
| Height | 43 mm |
| Width | 15 mm |
| Depth | 15 mm |
| Mounting method | inserted, screwed |
| Locking techniques | Screw locking |
| Clamping range min. | 2.9 mm |
| Clamping range max. | 5.1 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. |
| **Conformity** | |
| Product standard | EN IEC 61076-2-101 (M12), EN 45545-2, EN 50155 |
| Shock and vibration resistance | EN/IEC 61373 |
| Fire protection | EN 45545-2, HL1-HL3, requirement sets R22, R23, R24 |

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