

M12 female 90° A-cod. IDC

 3-pol., 0.25 - 0.5mm², 4 - 5,1mm

Art.No.: 7000-12661-0000000

Weight: 0.020 kg

Country of origin: DE

Model designation: MSDL0-AC-R-IDC

Female 90°

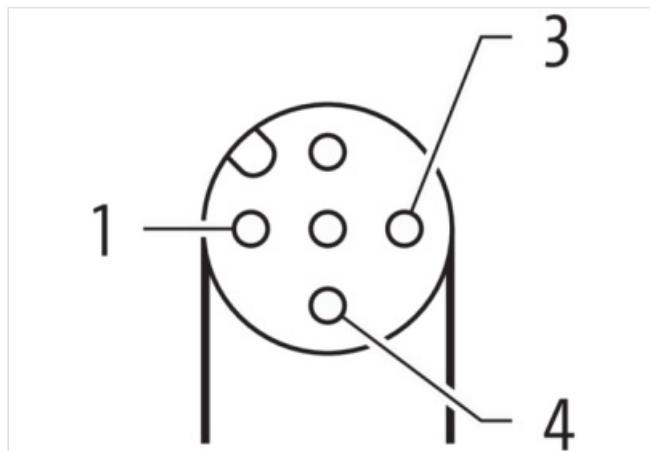
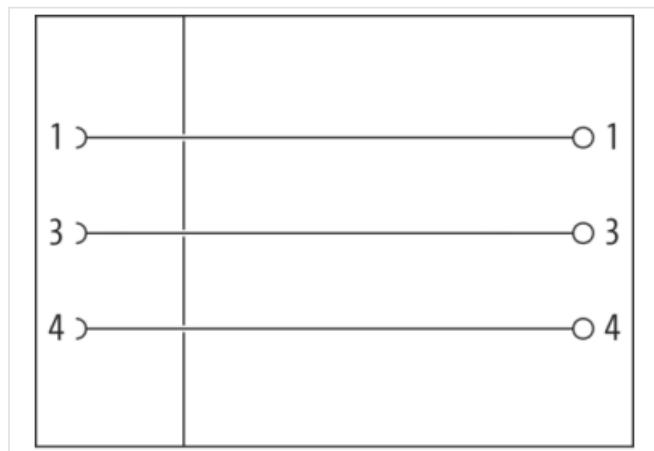
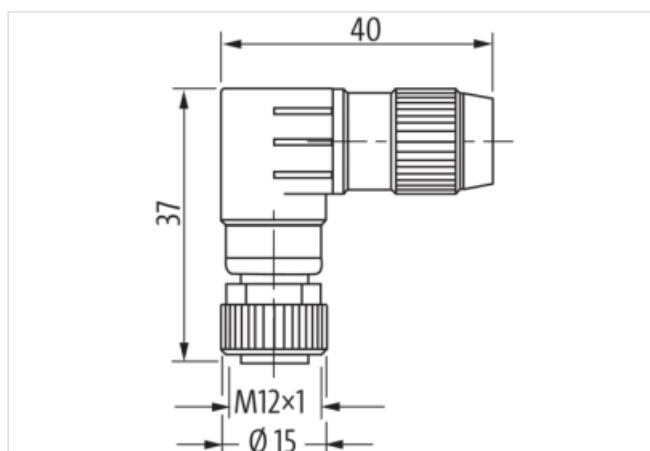
M12, 3-pole

IDC terminals

 Connection cross section: 0.25...0.5 mm²

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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 MSDL0-AC-R-IDC

Side 1

Family construction form M12

Degree of protection (EN IEC 60529) IP67

Commercial data

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: 2026-02-03

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| | |
|-----------------------|---|
| URL Webshop | https://shop.murrelektronik.com/7000-12661-0000000 |
| GTIN | 4048879201704 |
| 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 | 4048879201704 |
| 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. | 0,25 mm ² |
| Connection cross section max. | 0,5 mm ² |

Installation | Connection

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

Device protection | Electrical

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

Mechanical data | Mounting data

| | |
|---------------------|---------------------------------------|
| Height | 37 mm |
| Width | 40 mm |
| Depth | 15 mm |
| Mounting method | inserted, screwed, Shaking protection |
| Clamping range min. | 4 mm |
| Clamping range max. | 5,1 mm |

Environmental characteristics | Climatic

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

