

## M12 female 90° A-cod. IDC

3-pol., 0.25 - 0.5mm<sup>2</sup>, 4 - 5,1mm

Art.No.: 7000-12661-0000000

Weight: 0.02

Country of origin: DE

Model designation: MSDL0-AC-R-IDC

Female 90° M12, 3-pole IDC terminals

Connection cross section: 0.25...0.5 mm<sup>2</sup>

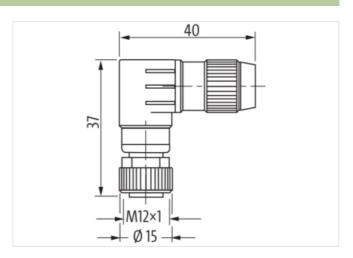
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

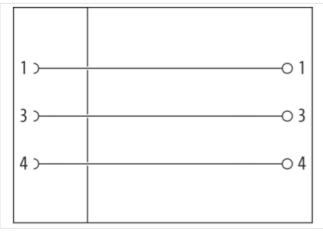
The resistance to aggressive media should be individually tested for your application. Further details on request.

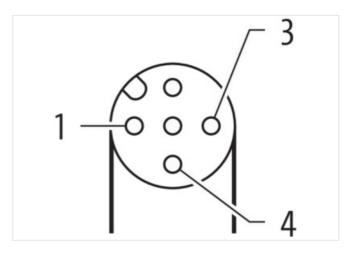
## **Link to Product**

## 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



stay connected

| 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 mm²  |  |
| Connection cross section max.                          | 0.5 mm <sup>2</sup>   |  |
| Installation   Connection                              |   |  |
|  |   |  |
| Tightening torque                                      | 0.6 Nm  |  |
| Wire insulation diameter min.                          | 1.2 mm 1.6 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   Climati                | ic  |  |
| Operating temperature min.                             | -25 °C  |  |
| Operating temperature min.  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.   |  |

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: 2025-11-04

Product-PDF for Article 7000-12661-0000000

