

## M12 male 90° A-cod. IDC

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

Art.No.: 7000-12561-0000000

Weight: 0.026 Country of origin: DE

Model designation: MSCL0-AC-T-IDC

Male 90° M12, 4-pole **IDC** terminals

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

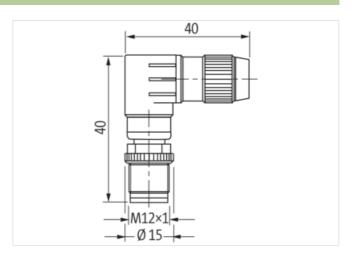
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

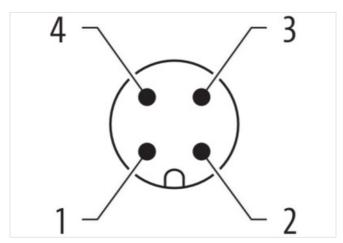
The resistance to aggressive media should be individually tested for your application. Further details on request.

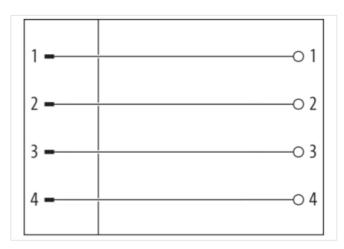
## **Link to Product**

## Illustration









Product may differ from Image



## Side 1

Family construction form

M12



stay connected

| Degree of protection (EN IEC 60529)      | IP67  |
|--|---|
| Commercial data                          |   |
| URL Webshop                              | https://shop.murrelektronik.com/7000-12561-0000000  |
| GTIN                                     | 4048879201773   |
| 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  |
| EAN                                      | 4048879201773   |
| 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  |
| Connection cross section max.            | 0.5   |
| Installation   Connection                |   |
| Tightening torque                        | 0.6 Nm  |
| Wire insulation diameter min.            | 1.2 mm  |
| Wire insulation diameter max.            | 1.6 mm  |
|  | 1.0 11111   |
| Device protection   Electrical           |   |
| Additional condition protection degree   | inserted, screwed   |
| Mechanical data   Mounting data          |   |
| Height                                   | 40 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                   | <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 s | train relief |
|-----------|--------------|
|-----------|--------------|

Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.