

**MOSA M12 SC male 0° field-wireable (IDC)**4-pol. 0.25...0.5mm<sup>2</sup>

Male straight

M12, 4-pole

IDC terminals

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

Stainless steel 1.4305 (V2A) PTFE coated

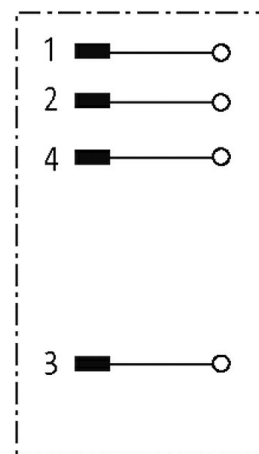
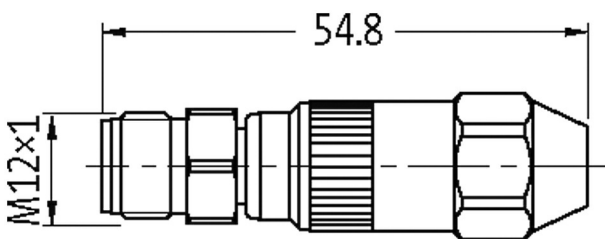
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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**

Male



Product may differ from Image

**Form**

Form 12481

**Technical Data**

|                               |   |
|-------------------------------|---|
| Operating voltage             | max. 32 V AC/DC   |
| Rated surge voltage           | 0.8 kV  |
| Operating current per contact | max. 4 A  |
| Material group                | IEC 60664-1, category III                                   |
| Connection cross section      | 0.25...0.5 mm <sup>2</sup> (conductor diameter min. 0.1 mm) |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

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|                         |  |
|-------------------------|--|
| Coding                  | A-coded  |
| Sealing range (cable Ø) | 4...5.1 mm   |
| Wire isolation          | PVC, PP, TPE   |
| Outer wire Ø            | 1.2...1.6 mm   |
| Locking of ports        | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection              | IP67 inserted and tightened (EN 60529)                           |
| Locking material        | Stainless steel 1.4305 (V2A) PTFE coated                         |

**General data**

|                   |              |
|-------------------|--------------|
| Temperature range | -25...+85 °C |
|-------------------|--------------|

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85366990      |
| EAN                   | 4048879470551 |
| eClass                | 27279221      |
| Packaging unit        | 1             |