

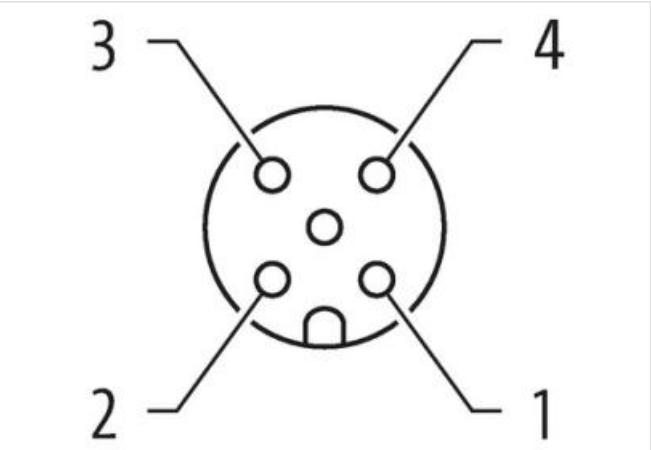
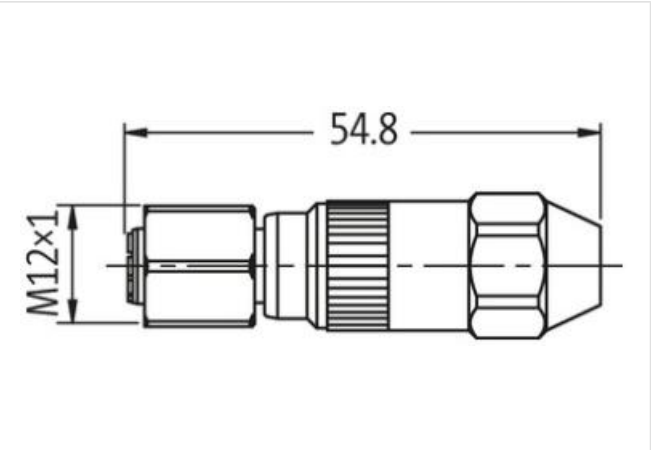
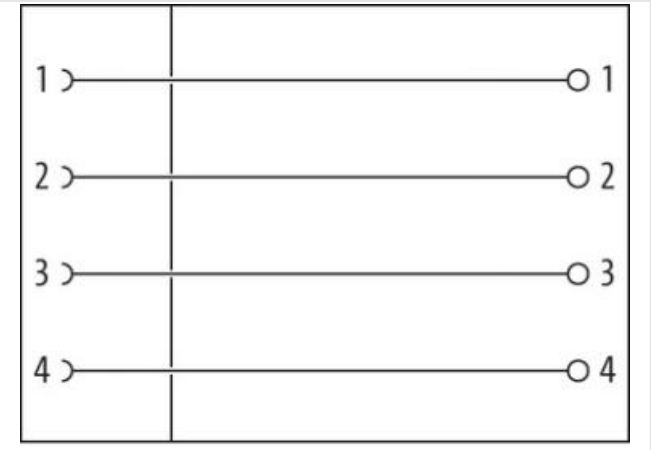
M12 female 0° IDC V2A

4-pol. 0,25 - 0,5mm²

Female straight  
M12, 4-pole  
IDC terminals  
Connection cross section: 0.25...0.5 mm²  
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



Product may differ from Image

| Side 1                              |          |
|-------------------------------------|----------|
| Family construction form            | M12      |
| Coding                              | A        |
| Degree of protection (EN IEC 60529) | IP67     |
| Commercial data                     |          |
| ECLASS-6.0                          | 27279221 |
| ECLASS-6.1                          | 27260702 |
| ECLASS-7.0                          | 27440102 |

|                       |               |
|-----------------------|---------------|
| ECLASS-8.0            | 27440102      |
| ECLASS-9.0            | 27440116      |
| ECLASS-10.1           | 27440102      |
| ECLASS-11.1           | 27440102      |
| ECLASS-12.0           | 27440116      |
| ETIM-5.0              | EC002635      |
| customs tariff number | 85366990      |
| GTIN                  | 4048879467230 |
| 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**

|                               |                      |
|-------------------------------|----------------------|
| Connection cross section min. | 0,25 mm <sup>2</sup> |
| Connection cross section max. | 0,5 mm <sup>2</sup>  |
| Single wire diameter min.     | 0,1 mm               |

**Installation | Connection**

|                               |         |
|-------------------------------|---------|
| Wire insulation diameter min. | 1,2 mm  |
| Wire insulation diameter max. | 1,6 mm  |
| Tightening torque             | 0,6 Nm  |
| Mounting set                  | M12 x 1 |

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 0,8 kV            |
| Material group (IEC 60664-1)           | III               |

**Mechanical data | Material data**

|                     |                              |
|---------------------|------------------------------|
| Coating locking nut | PTFE beschichtet             |
| Material gasket     | FKM                          |
| Locking material    | Stainless steel 1.4305 (V2A) |

**Mechanical data | Mounting data**

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