

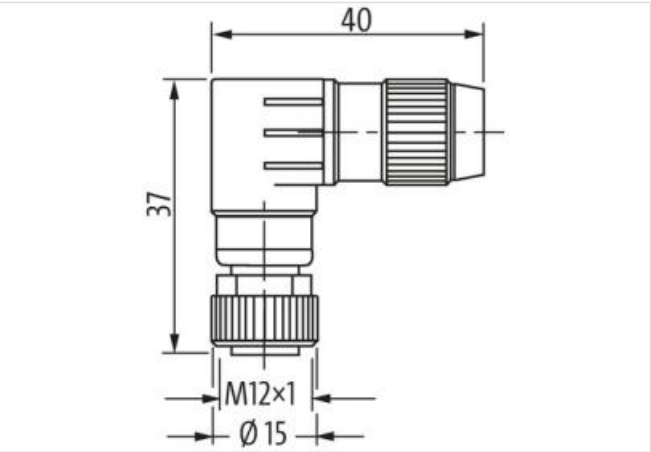
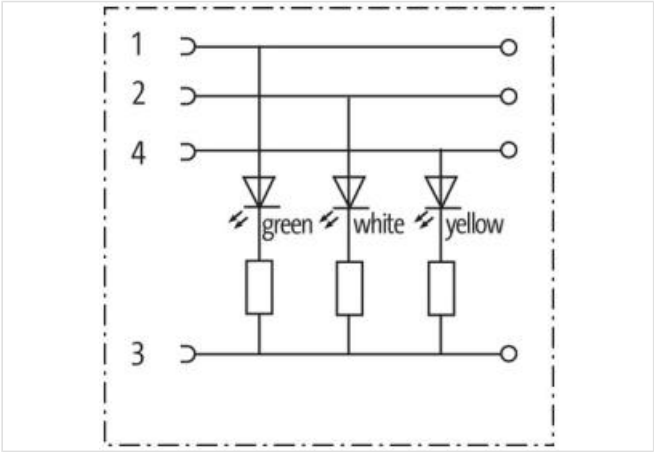
M12 female 90° A-cod. IDC 3LED

4-pol., 0.25 - 0.5mm², 4 - 5,1mm

Female 90°  
M12, 4-pole  
3× LED (PNP)  
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

| Side 1                              |          |
|-------------------------------------|----------|
| Family construction form            | M12      |
| 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                  | 4048879201674 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage DC               | 24 V |
| Operating voltage DC min.          | 18 V |
| Operating voltage DC max.          | 30 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 |

#### Device protection | Electrical

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

#### Mechanical data | Mounting data

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