

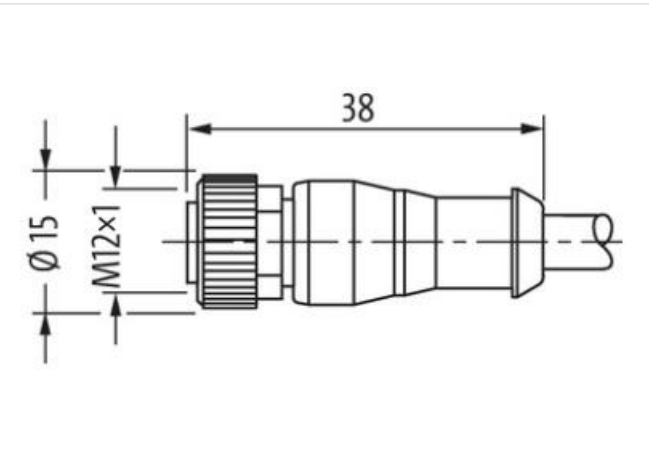
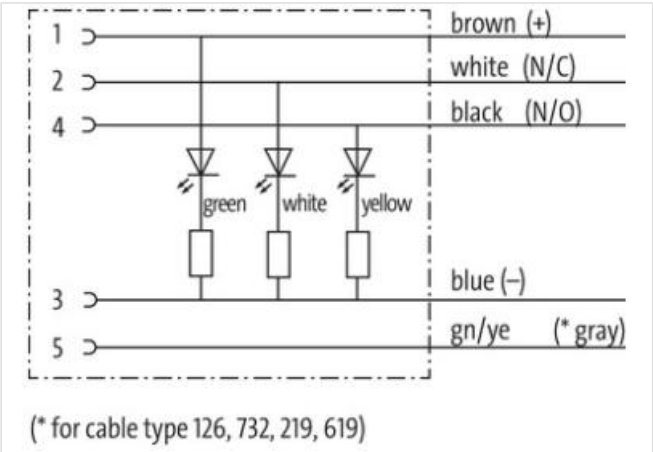
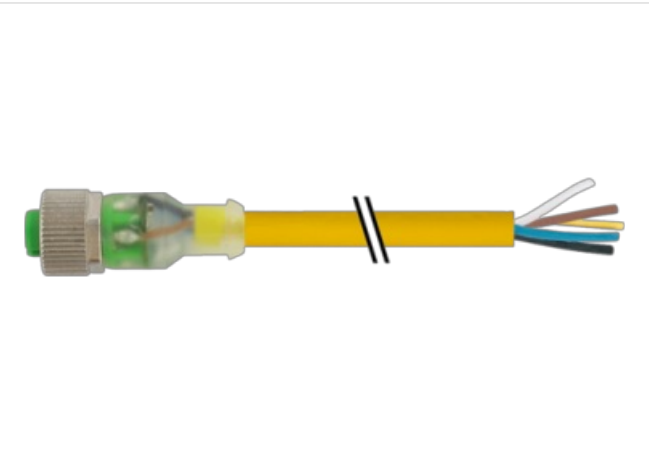
M12 female 0° A-cod. with cable 3LED

PVC 5x0.34 ye UL/CSA 10m

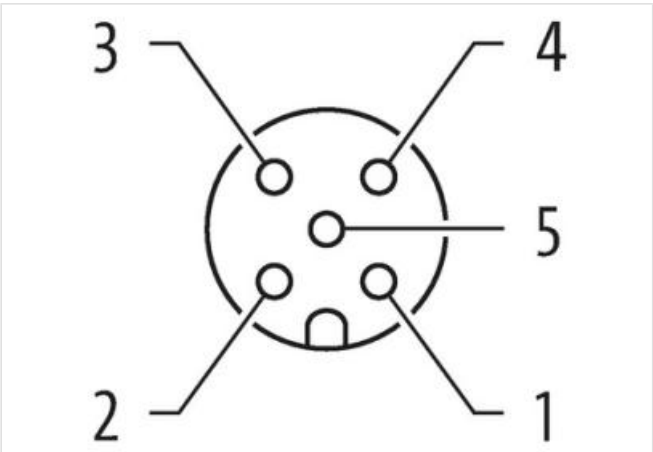
Female straight  
M12, 5-pole  
3× LED (PNP)  
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



| Side 1                   |                   |
|--------------------------|-------------------|
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| Thread                   | M12 x 1           |
| Coding                   | A                 |
| Material                 | PUR               |
| Width across flats       | SW13              |

Degree of protection (EN IEC 60529) IP65, IP66K, IP67

#### 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  |

#### Diagnostics

|                       |                      |
|-----------------------|----------------------|
| Status indication LED | green, white, yellow |
|-----------------------|----------------------|

#### Installation | Connection

|              |         |
|--------------|---------|
| 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)           | I                 |

#### Mechanical data | Material data

|                           |                  |
|---------------------------|------------------|
| Coating of fitting        | nickel plated    |
| Material screw connection | Zinc die-casting |

#### Mechanical data | Mounting data

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

#### Environmental characteristics | Climatic

|  |                            |
|--|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

#### Conformities, approvals

|                  |                          |
|------------------|--------------------------|
| Product standard | DIN EN 61076-2-101 (M12) |
|------------------|--------------------------|

#### Cable

|                                   |   |
|-----------------------------------|---|
| No./diameter of wires             | 5x 0.34 mm <sup>2</sup>                     |
| Wire isolation                    | PVC (br, wh, bl, bk, gnye)                  |
| Outer Ø                           | 5.2 mm ±5%                                  |
| Cable identification              | 015   |
| Cable Type                        | 1 (PVC)                                     |
| Approval (cable)                  | UL (AWM-Style 2464/1731), CSA               |
| Cable weight [g/m]                | 48,4 g                                      |
| Material wire                     | Cu wire, bare                               |
| Resistor (core)                   | max. 60 Ω/km (20 °C)                        |
| Single wire Ø (core)              | 0.15 mm                                     |
| Construction (core)               | 19x 0.15 mm (multi-strand wire class 5)     |
| Diameter (core)                   | 5x 0.34 mm <sup>2</sup>                     |
| AWG                               | similar to AWG 22                           |
| Material wire isolation           | PVC   |
| Material property wire insulation | CFC-, cadmium-, silicone- and lead-free     |
| Shore hardness wire isolation     | 45 ±5 D                                     |
| Wire-Ø incl. isolation            | 1.25 mm ±5%                                 |
| Color/numbering of wires          | br, bk, bl, wh, gnye longitudinally striped |
| Stranding combination             | 5 wires twisted around central filler       |
| Shield                            | no  |
| Material jacket                   | PVC   |
| Material property (jacket)        | CFC-, cadmium-, silicone- and lead-free     |
| Shore hardness jacket             | 85 ±5 A                                     |
| Outer-Ø (jacket)                  | 5.2 mm ±5%                                  |

|                            |  |
|----------------------------|--|
| Color jacket               | yellow   |
| Jacket Color               | yellow   |
| chemical resistance        | good resistance to oil, gasoline and chemicals |
| thermal resistance         | flame retardant UL 1581 VW1 / CSA FT1          |
| Nominal voltage            | UL 300 V AC                                    |
| Test voltage               | 2000 V AC                                      |
| Current load capacity      | to DIN VDE 0298-4                              |
| Temperature range (fixed)  | -30...+80 °C                                   |
| Temperature range (fixed)  | -30...+80 °C                                   |
| Temperature range (mobile) | -5...+80 °C                                    |
| Temperature range (mobile) | -5...+80 °C                                    |
| Bending radius (fixed)     | 5× outer Ø                                     |
| Bending radius (dynamic)   | 10× outer Ø                                    |
| Bending radius (dynamic)   | 10× outer Ø                                    |
| Material jacket            | PVC (UL/CSA)                                   |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| customs tariff number | 85444290      |
| GTIN                  | 4065909051108 |
| Packaging unit        | 1             |