MURR ELEKTRONIK
stay connected

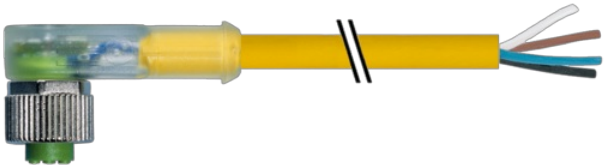
**M12 female 90° A-cod. with cable LED**

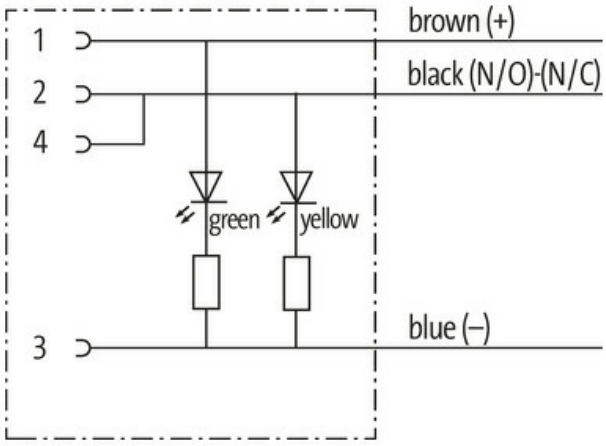
PVC 3x0.34 ye UL/CSA 7.5m

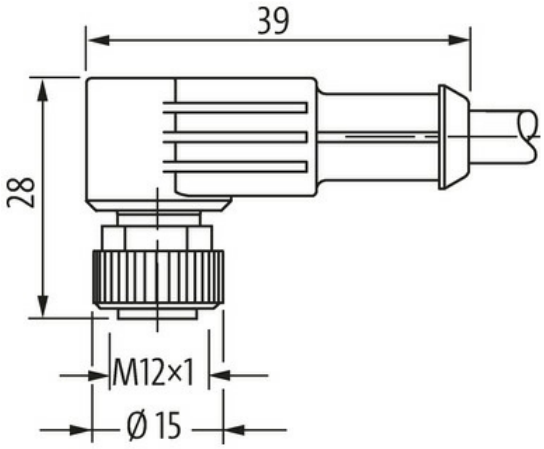
Female 90°
M12, 4-pole
2× LED (PNP)
bridged
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

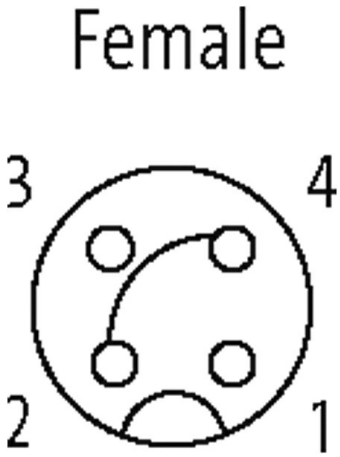
## Link to Product

### Illustration






Product may differ from Image

* only for products with UL/CSA approved cable

### Form

| | |
|---|---|
| Form | 12401 |

### Technical Data

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

| | |
|---|---|
| Operating voltage | 24 V DC ±25% |
| Operating voltage (only UL listed) | max. 30 V DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| LED display | (yellow/green) |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | 10 mm |
| **General data** | |
| Standards | DIN EN 61076-2-101 (M12) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| **Cables** | |
| Cable identification | 013 |
| Cable Type | 1 (PVC) |
| Approval (cable) | cURus (AWM-Style 2464/1731), CE-conform |
| Cable weight [g/m] | 34,1 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 57 Ω/km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 19× 0.15 mm (multi-strand wire class 5) |
| Diameter (core) | 3× 0.34 mm² |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PVC |
| Material property (wire isolation) | 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 |
| Stranding combination | 3 wires twisted |
| Shield | no |
| Material (jacket) | PVC |
| Material property (jacket) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (jacket) | 85 ±5 A |
| Outer-Ø (jacket) | 4.6 mm ±5% |
| Color (jacket) | yellow |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| thermal resistance | flammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2 |
| 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 (mobile) | -5...+80 °C |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| **Commercial data** | |
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879204194 |

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

stay connected

| | |
|---|---|
| eClass | 27279218 |
| Packaging unit | 1.000 |

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