

**M12 MALE 0° / M12 FEMALE 90° LED F&B**

PVC 4X0.34 GRAY, 0.6m

**F&B**

Male straight – female 90°

M12 – M12, 4-pole

3× LED (PNP), (NPN) on request

Profile gasket

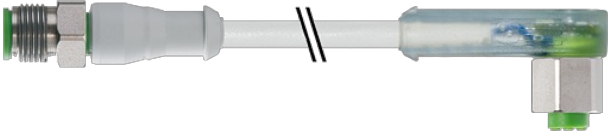
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

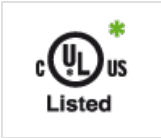
**[Link to Product](#)**

**Illustration**



Product may differ from Image

**Approvals**



\* only for products with UL/CSA approved cable

cCSAus

**Form**

Form 40341

**General data**

Temperature range -25...+85 °C, depending on cable quality

**Cables**

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| Cable identification               | 214                                     |
| Cable Type                         | 1 (PVC)                                 |
| Approval (cable)                   | UL (AWM-Style 2464/1731), CSA           |
| Cable weight [g/m]                 | 40,70                                   |
| Material (wire)                    | Cu wire, bare                           |
| Resistor (core)                    | max. 60 Ω/km (20 °C)                    |
| Single wire Ø (core)               | 0.15 mm                                 |
| Construction (core)                | 19× 0.15 mm (multi-strand wire class 5) |
| Diameter (core)                    | 4× 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, wh                          |
| Stranding combination              | 4 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)           | 5.0 mm ±5%                                     |
| Color (jacket)             | gray                                           |
| 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 (mobile) | -5...+80 °C                                    |
| Bend radius (fixed)        | 5× outer Ø                                     |
| Bend radius (moving)       | 10× outer Ø                                    |
| No./diameter of wires      | 4× 0.34 mm <sup>2</sup>                        |
| Wire isolation             | PVC (br, wh, bl, bk)                           |
| Jacket Color               | gray                                           |
| Material (jacket)          | PVC (UL/CSA)                                   |
| Outer Ø                    | 5.0 mm ±5%                                     |
| Bend radius (moving)       | 10× outer Ø                                    |
| Temperature range (fixed)  | -30...+80 °C                                   |
| Temperature range (mobile) | -5...+80 °C                                    |

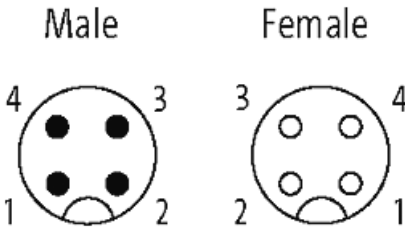
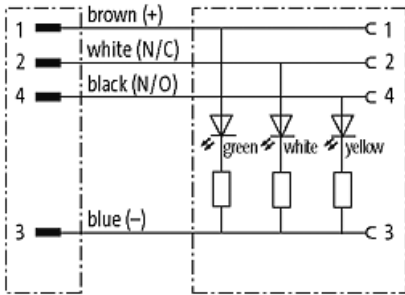
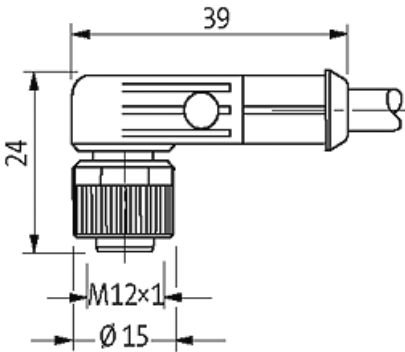
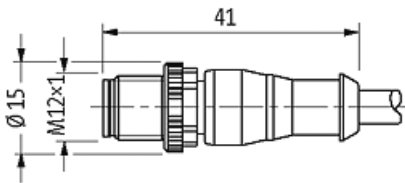
**Technical Data**

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Operating voltage             | 24 V DC ±25%                                                     |
| Rated surge voltage           | 0.8 kV                                                           |
| Operating current per contact | max. 4 A                                                         |
| Locking of ports              | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection                    | IP65, IP68 inserted and tightened (EN 60529)                     |
| Locking material              | Stainless steel 1.4404 (V4A)                                     |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879108362 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**



Product may differ from Image