

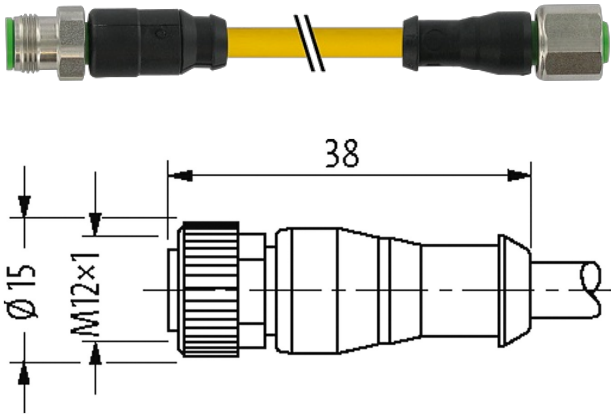
M12 MALE 0° / M12 FEMALE 0° V2A

PVC 3X0.34 YELLOW, 1m

Male straight – female straight  
M12 – M12, 3-pole  
V2A nut/screw  
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

Approvals



\* only for products with UL/CSA approved cable

Form

Form 40001

Cables

|                            |                               |
|----------------------------|-------------------------------|
| No./diameter of wires      | 3× 0.34 mm²                   |
| Wire isolation             | PVC (br, bl, bk)              |
| Material (jacket)          | PVC (UL/CSA)                  |
| Outer Ø                    | 4.6 mm ±5%                    |
| Bend radius (moving)       | 10× outer Ø                   |
| Temperature range (fixed)  | -30...+80 °C                  |
| Temperature range (mobile) | -5...+80 °C                   |
| Cable identification       | 013                           |
| Cable Type                 | 1 (PVC)                       |
| Approval (cable)           | UL (AWM-Style 2464/1731), CSA |
| Cable weight [g/m]         | 34,10                         |
| 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)                    | 3× 0.34 mm <sup>2</sup>                        |
| 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                 | 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                                    |
| Jacket Color                       | yellow                                         |

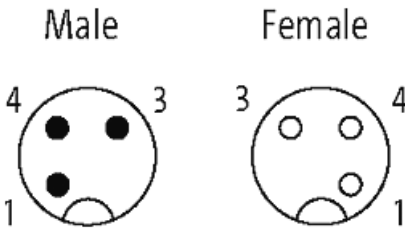
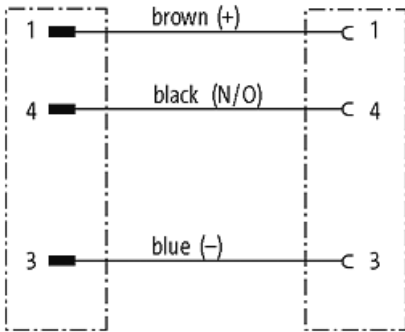
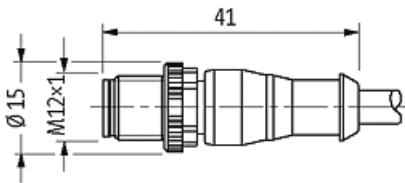
#### Technical Data

|                                    |                                                                  |
|------------------------------------|------------------------------------------------------------------|
| Operating voltage                  | max. 250 V AC/DC                                                 |
| Operating voltage (only UL listed) | max. 30 V AC/DC                                                  |
| Operating current per contact      | max. 4 A                                                         |
| Locking of ports                   | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection                         | IP66K, IP67 inserted and tightened (EN 60529)                    |
| Locking material                   | Stainless steel 1.4305 (V2A)                                     |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879353816 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

#### Sketch



Product may differ from Image