

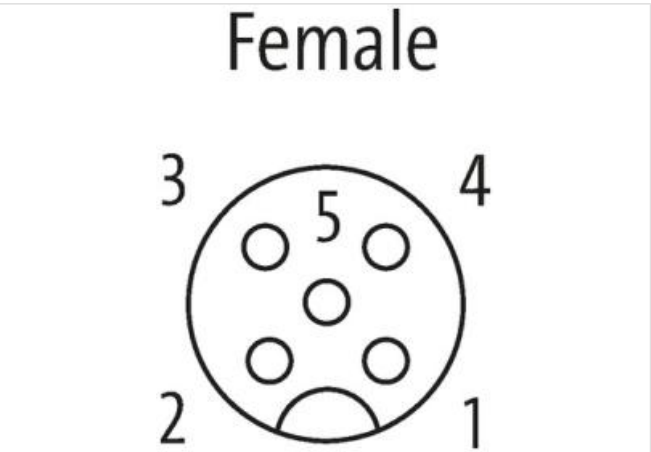
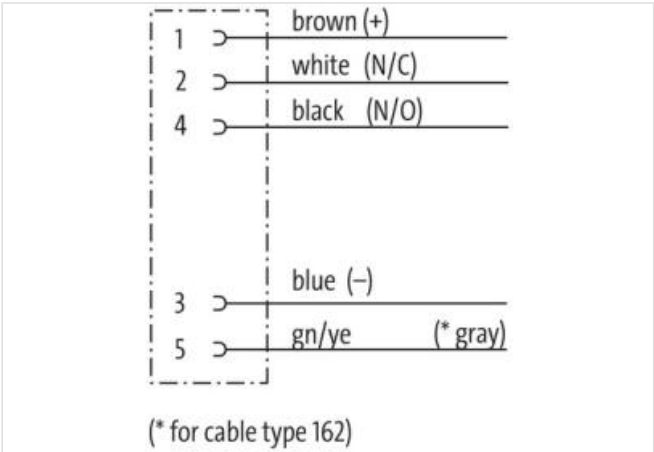
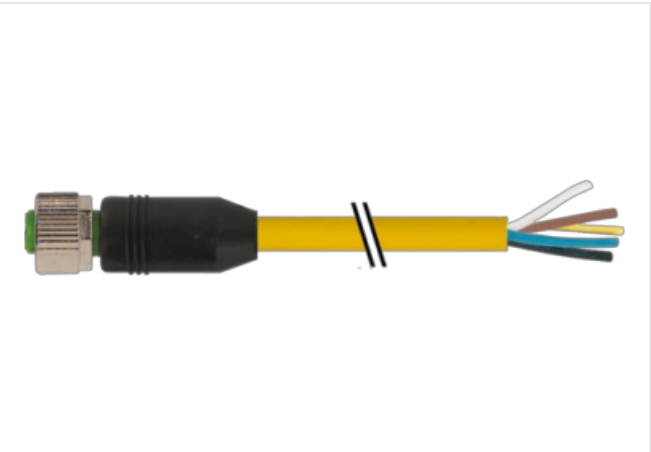
**M12 female 0° A-cod. with cable**

TPE 5x18AWG ye UL/CSA. ITC/PLTC 7.5m

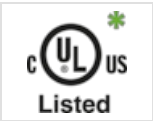
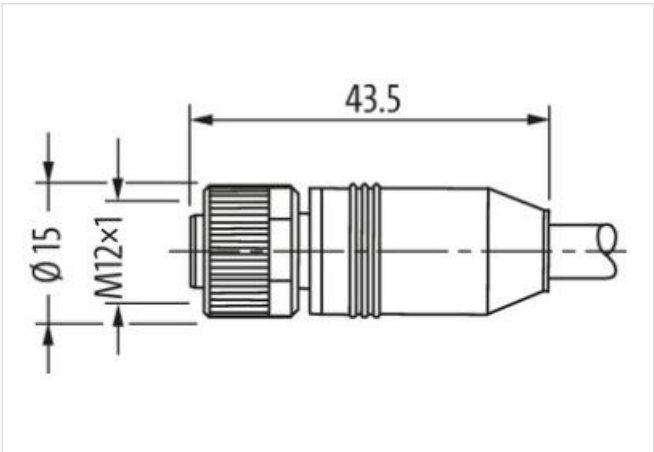
Cable is approved for 600 V  
Female straight  
M12, 5-pole  
USA  
Cable is approved for 600 V  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

[Link to Product](#)

Illustration



Product may differ from Image



\* only for products with UL/CSA approved cable

Form

Form 12241

Technical Data

|                                    |                                                                  |
|------------------------------------|------------------------------------------------------------------|
| Operating voltage                  | max. 125 V AC/DC                                                 |
| Operating voltage (only UL listed) | max. 30 V AC/DC                                                  |
| Rated surge voltage                | 1.5 kV                                                           |
| Operating current per contact      | max. 4 A                                                         |
| No. of poles                       | 5                                                                |
| Material group                     | IEC 60664-1, category I                                          |
| Coding                             | A-coded                                                          |
| Locking of ports                   | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection                         | IP65, IP66K, IP67 inserted and tightened (EN 60529)              |
| Material                           | PUR                                                              |
| Locking material                   | Zinc die casting, matte nickel plated                            |
| Compression gland                  | M12 (SW13)                                                       |
| <b>General data</b>                |                                                                  |
| Standards                          | DIN EN 61076-2-101 (M12)                                         |
| Mounting method                    | inserted, tightened                                              |
| Pollution Degree                   | 3                                                                |
| Stripping length (jacket)          | 20 mm                                                            |
| Temperature range                  | -25...+85 °C, depending on cable quality                         |
| <b>Cables</b>                      |                                                                  |
| No./diameter of wires              | 5× 0.75 mm <sup>2</sup>                                          |
| Wire isolation                     | PVC (br, wh, bl, bk, gr)                                         |
| C-track properties                 | 10 Mio.                                                          |
| Outer Ø                            | 7.7 mm ±5%                                                       |
| Cable identification               | 162                                                              |
| Cable Type                         | TPE                                                              |
| Approval (cable)                   | UL (AWM-Style 20626/10708), CSA; CE conform                      |
| Cable weight [g/m]                 | 92,49 g                                                          |
| Material (wire)                    | Cu wire, bare                                                    |
| Resistor (core)                    | max. 22.5 Ω/km (20 °C)                                           |
| Single wire Ø (core)               | 0.234 mm                                                         |
| Construction (core)                | 19× 0.254 mm (multi-strand wire class 5)                         |
| Diameter (core)                    | 5× AWG18/19                                                      |
| Material (wire isolation)          | PVC                                                              |
| Wire-Ø incl. isolation             | 1.93 mm ±5%                                                      |
| Color/numbering of wires           | br, bk, bl, wh, gr                                               |
| Stranding combination              | 5 wires twisted around central filler                            |
| Shield                             | no                                                               |
| Material (jacket)                  | TPE                                                              |
| Outer-Ø (jacket)                   | 7.7 mm ±5%                                                       |
| Color (jacket)                     | yellow                                                           |
| Jacket Color                       | yellow                                                           |
| thermal resistance                 | flame retardant                                                  |
| Nominal voltage                    | 600 V AC                                                         |
| Test voltage                       | 4000 V                                                           |
| Current load capacity              | to DIN VDE 0298-4                                                |
| Temperature range (fixed)          | -40...+105 °C                                                    |
| Temperature range (fixed)          | -40...+105 °C                                                    |
| Temperature range (mobile)         | -20...+90 °C                                                     |
| Temperature range (mobile)         | -20...+90 °C                                                     |
| Bend radius (fixed)                | 10× outer Ø                                                      |
| Bend radius (moving)               | 15× outer Ø                                                      |
| Bend radius (moving)               | 15× outer Ø                                                      |

|                                        |                      |
|----------------------------------------|----------------------|
| No. of bending cycles (C-track)        | max. 10 Mio. (25 °C) |
| Torsion stress                         | ±180°/m              |
| No. of torsion cycles                  | max. 3 Mio. (25 °C)  |
| Material (jacket)                      | TPE (UL/CSA)         |
|                                        |                      |
| Product article number of manufacturer | 7700-12241-1620750   |
| Cable length                           | 7,5 m                |