



## Male



## Female



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form 40221

**Technical Data**

|   |  |
|---|--|
| Operating voltage                         | max. 125 V AC/DC   |
| Operating voltage (only UL listed)        | max. 30 V AC/DC  |
| Operating current per contact             | max. 4 A   |
| 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 |
| Compression gland                         | M12 (SW13)   |
| Protection                                | 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**

|                   |  |
|-------------------|--|
| Pollution Degree  | 3  |
| Temperature range | -25...+85 °C, depending on cable quality |

**Cables**

|                                    |   |
|------------------------------------|---|
| No./diameter of wires              | 5× 0.34 mm <sup>2</sup>                           |
| Wire isolation                     | PP (br, wh, bl, bk, gr)                           |
| C-track properties                 | 10 Mio.   |
| Outer Ø                            | 4.8 mm ±5%  |
| Cable identification               | 126   |
| Cable Type                         | 3 (PUR)   |
| Approval (cable)                   | cURus (AWM-Style 20549/10493); CE conform         |
| Cable weight [g/m]                 | 41,8 g  |
| Material (wire)                    | Cu wire, bare                                     |
| Resistor (core)                    | max. 57 Ω/km (20 °C)                              |
| Single wire Ø (core)               | 0.1 mm  |
| Construction (core)                | 42× 0.1 mm (multi-strand wire class 6)            |
| Diameter (core)                    | 5× 0.34 mm <sup>2</sup>                           |
| AWG                                | similar to AWG 22                                 |
| Material (wire isolation)          | PP  |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation)    | 70 ±5 D   |

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

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|                                 |  |
|---------------------------------|--|
| Wire-Ø incl. isolation          | 1.25 mm ±5%  |
| Color/numbering of wires        | br, bk, bl, wh, gr   |
| Stranding combination           | 5 wires twisted around central filler  |
| Shield                          | no   |
| Material (jacket)               | PUR  |
| Material property (jacket)      | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)         | 90 ±5 A  |
| Outer-Ø (jacket)                | 4.8 mm ±5%   |
| Color (jacket)                  | yellow   |
| Jacket Color                    | yellow   |
| chemical resistance             | good resistance to oil, gasoline and chemicals (EN 60811-404)  |
| thermal resistance              | flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2  |
| Nominal voltage                 | 300 V AC   |
| Test voltage                    | 2500 V AC  |
| Current load capacity           | to DIN VDE 0298-4  |
| Temperature range (fixed)       | -40...+80 °C   |
| Temperature range (fixed)       | -40...+80 °C, (+90 °C at max. 10 000 operating hours)  |
| Temperature range (mobile)      | -25...+80 °C   |
| Temperature range (mobile)      | -25...+80 °C, (+90 °C at max. 10 000 operating hours)  |
| Bend radius (fixed)             | 5× outer Ø   |
| Bend radius (moving)            | 10× outer Ø  |
| Bend radius (moving)            | 10× outer Ø  |
| No. of bending cycles (C-track) | max. 10 Mio. (25 °C)   |
| Travel speed (C-track)          | max. 3 m/s   |
| Acceleration (C-track)          | max. 10 m/s <sup>2</sup>   |
| Torsion stress                  | ±180°/m  |
| No. of torsion cycles           | max. 2 Mio. (25 °C)  |
| Torsion speed                   | 35 cycles/min  |
| Material (jacket)               | PUR (UL/CSA)   |
| <b>Commercial data</b>          |  |
| country of origin               | CZ   |
| customs tariff number           | 85444290   |
| EAN                             | 4048879173995  |
| eClass                          | 27279218   |
| Packaging unit                  | 1.000  |