

**M12 male 0° / M12 male 0° 8p. shielded EN**

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 1,5m

Ethernet CAT5

Male straight – male straight

M12 – M12, 8-pole

shielded

USA

Cable is approved for 600 V

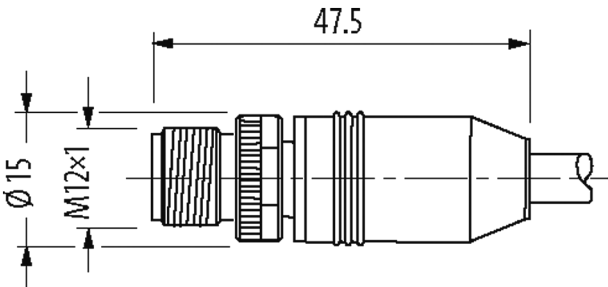
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

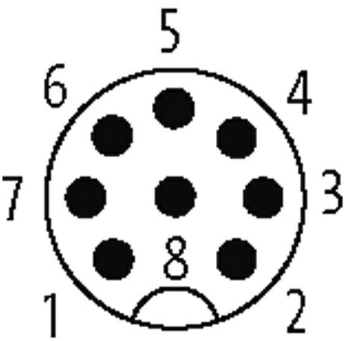
**[Link to Product](#)**

**Illustration**



|   |   |              |   |   |
|---|---|--------------|---|---|
| 1 | ■ | white/blue   | ■ | 1 |
| 2 | ■ | white/brown  | ■ | 2 |
| 3 | ■ | brown        | ■ | 3 |
| 4 | ■ | orange       | ■ | 4 |
| 5 | ■ | white/green  | ■ | 5 |
| 6 | ■ | white/orange | ■ | 6 |
| 7 | ■ | blue         | ■ | 7 |
| 8 | ■ | green        | ■ | 8 |
|   |   | shield       |   |   |

Male



Product may differ from Image

More Info



Form

Form 48511

General data

|                   |                                          |
|-------------------|------------------------------------------|
| Standards         | DIN EN 61076-2-101 (M12)                 |
| Mounting method   | inserted, tightened                      |
| Pollution Degree  | 2                                        |
| Temperature range | -25...+85 °C, depending on cable quality |

#### Cables

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| No./diameter of wires           | 4 x 2 x 0.25 mm <sup>2</sup>                          |
| Wire isolation                  | HDPE (whbl, bl, whor, or, whgn, gn, whbr, br)         |
| C-track properties              | 1 Mio.                                                |
| Jacket Color                    | blue                                                  |
| Material (jacket)               | TPE (UL/CSA)                                          |
| Outer Ø                         | 7.6 mm ±5%                                            |
| Bend radius (moving)            | 10 x outer Ø                                          |
| Temperature range (fixed)       | -40...+80 °C                                          |
| Temperature range (mobile)      | -40...+80 °C                                          |
| Cable identification            | S4W                                                   |
| Cable weight [g/m]              | 74,80                                                 |
| Material (wire)                 | Cu wire, tin plated                                   |
| Construction (core)             | 7 x 0.203 mm                                          |
| Diameter (core)                 | 4 x 2 x 0.25 mm <sup>2</sup>                          |
| AWG                             | similar to AWG 24                                     |
| Material (wire isolation)       | HDPE                                                  |
| Wire-Ø incl. isolation          | 1.17 mm ±5%                                           |
| Color/numbering of wires        | (wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br) |
| Shield                          | yes                                                   |
|                                 | min. 75%                                              |
| Material (jacket)               | TPE                                                   |
| Outer-Ø (jacket)                | 7.6 mm ±5%                                            |
| Color (jacket)                  | (wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br) |
| Temperature range (fixed)       | -40...+80 °C                                          |
| Temperature range (mobile)      | -40...+80 °C                                          |
| Bend radius (fixed)             | 5 x outer Ø                                           |
| No. of bending cycles (C-track) | max. 1 Mio. (25 °C)                                   |
| Torsion stress                  | 3 Mio.                                                |

#### Technical Data

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Operating voltage             | max. 60 V AC/DC                                                  |
| Rated surge voltage           | 0.8 kV                                                           |
| Operating current per contact | max. 2 A                                                         |
| Material group                | IEC 60664-1, category I                                          |
| No. of poles                  | 8                                                                |
| Configuration                 | fully used                                                       |
| Transfer parameters           | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)                 |
| Transfer rate                 | 1 Gbit/s                                                         |
| Coding                        | A-coded                                                          |
| LED display                   | no                                                               |
| Locking of ports              | Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland             | M12 (SW13)                                                       |
| Protection                    | IP65 and IP67 when plugged and screwed down (EN 60529)           |
| Locking material              | Zinc die casting, matte nickel plated                            |

|                                           |               |
|-------------------------------------------|---------------|
| Material                                  | PUR           |
| suitable for corrugated tube (internal Ø) | without       |
| <b>Commercial data</b>                    |               |
| country of origin                         | DE            |
| customs tariff number                     | 85444290      |
| EAN                                       | 4048879579964 |
| eClass                                    | 27061801      |
| Packaging unit                            | 1             |