

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

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 0,6m

Ethernet CAT5

Male straight – female straight

M12 – M12, 8-pole

shielded

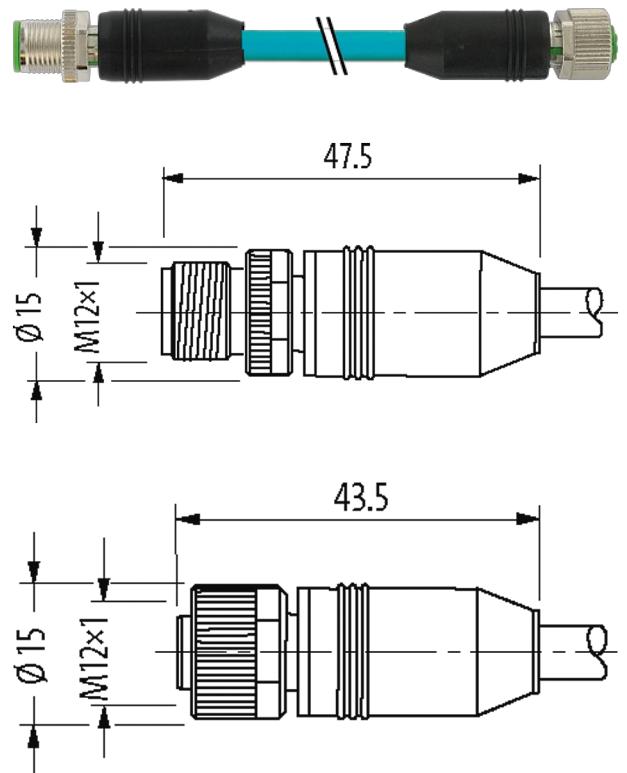
USA

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**

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

**More Info**

EtherNet/IP

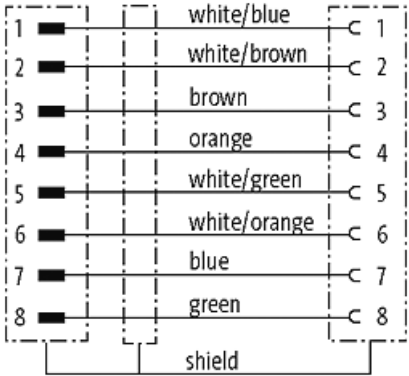
| Form                               |                                                       |
|------------------------------------|-------------------------------------------------------|
| Form                               | 48571                                                 |
| General data                       |                                                       |
| 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 × 2 × 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 × 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 × 0.203 mm                                          |
| Diameter (core)                    | 4 × 2 × 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 × 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                                       |
| Operating voltage (only UL listed) | max. 30 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 (M12×1 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                                                          |

Commercial data

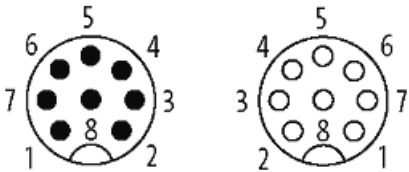
|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879600200 |
| eClass                | 27061801      |
| Packaging unit        | 1             |

Sketch



Male

Female



Product may differ from Image