

**M12 female recept. D-cod. shielded RM Ethernet**

TPE 22AWG SF/UTP CAT5e gn UL/CSA, ITC/PLTC 1m

Ethernet CAT5

Flange female

M12, 4-pole

D-coded

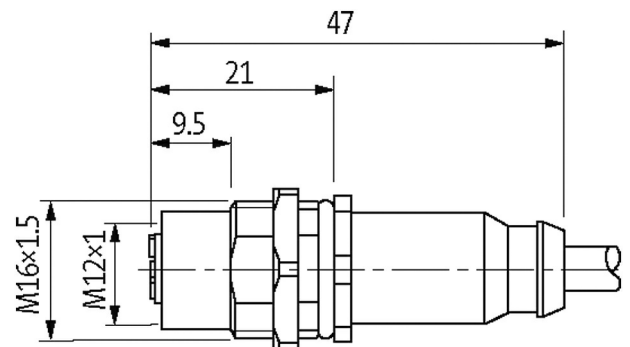
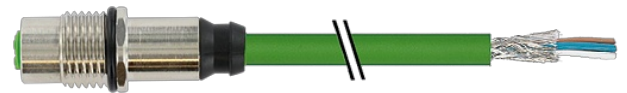
shielded

Rear mounting

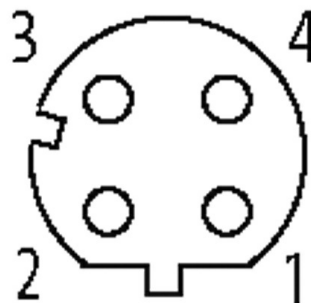
USA

Further cable lengths on request.

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

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

Female



Product may differ from Image

**Approvals**



## More Info



## Form

Form 14511

## General data

|                   |                                          |
|-------------------|------------------------------------------|
| Standards         | DIN EN 61076-2-101 (M12)                 |
| Mounting method   | inserted, tightened                      |
| Pollution Degree  | 3                                        |
| Temperature range | -25...+85 °C, depending on cable quality |

## Cables

|                            |                                         |
|----------------------------|-----------------------------------------|
| Cable number               | S7V                                     |
| No./diameter of wires      | 2× 2× 0.34 mm <sup>2</sup>              |
| Wire isolation             | HDPE (wh, ye, bl, or)                   |
| C-track properties         | 1 Mio.                                  |
| Jacket Color               | green                                   |
| Material (jacket)          | TPE (UL)                                |
| Outer Ø                    | 7.9 mm ±5%                              |
| Bend radius (moving)       | 10× outer Ø                             |
| Temperature range (fixed)  | -40...+80 °C                            |
| Temperature range (mobile) | -20...+80 °C                            |
| Cable identification       | S7V                                     |
| Cable weight [g/m]         | 74,80                                   |
| Material (wire)            | Cu wire, tin plated                     |
| Construction (core)        | 19× 0.16 mm (multi-strand wire class 5) |
| Diameter (core)            | 2× 2× 0.34 mm <sup>2</sup>              |
| Material (wire isolation)  | HDPE                                    |
| Wire-Ø incl. isolation     | 1.42 mm ±5%                             |
| Shield                     | yes                                     |
| Material (jacket)          | TPE                                     |
| Outer-Ø (jacket)           | 7.9 mm ±5%                              |
| Color (jacket)             | green                                   |
| Bend radius (fixed)        | 5× outer Ø                              |
| Torsion stress             | 3 Mio.                                  |

## Technical Data

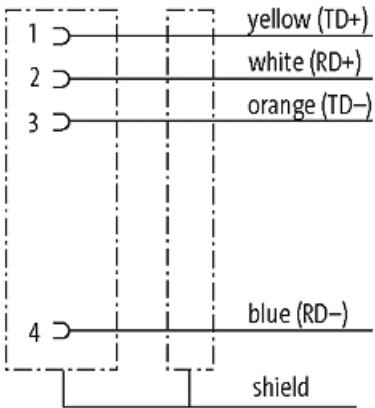
|                               |                         |
|-------------------------------|-------------------------|
| Operating voltage             | max. 60 V DC            |
| Rated surge voltage           | 1.5 kV                  |
| Operating current per contact | max. 4 A                |
| Material group                | IEC 60664-1, category I |
| No. of poles                  | 4                       |
| Configuration                 | fully used              |

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Transfer parameters                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)                 |
| Transfer rate                             | up to 100 Mbit/s full duplex                                     |
| Coding                                    | D-coded                                                          |
| LED display                               | no                                                               |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW14)                                                       |
| Protection                                | IP67 inserted and tightened (EN 60529)                           |
| Protection NEMA                           | 3, 4, 6P (UL 50E)                                                |
| Locking material                          | Brass, nickel plated                                             |
| suitable for corrugated tube (internal Ø) | 10 mm                                                            |

Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879602174 |
| eClass                | 27279220      |
| Packaging unit        | 1             |

Sketch



Product may differ from Image