

**M12 MALE,90° SHIELDED, D-COD, ETHERNET**

PUR 2x2xAWG22 shielded red UL,CSA+dragchain 7.5m

Ethernet CAT5

Male 90°

M12, 4-pole

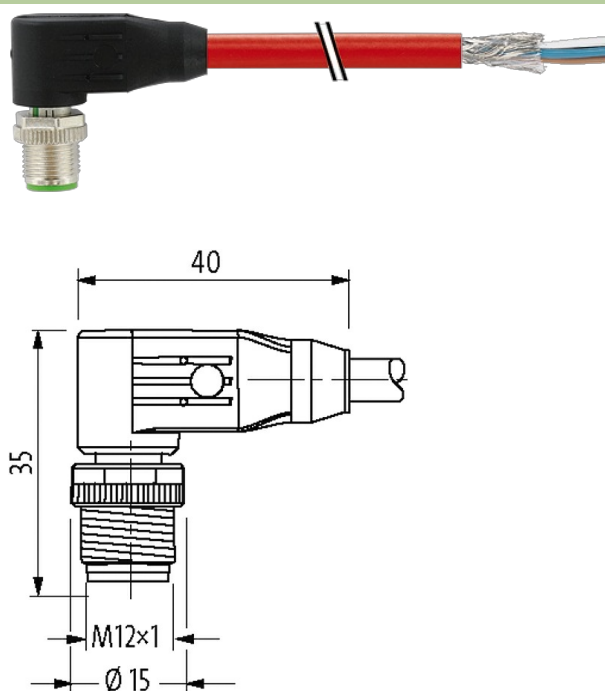
D-coded

shielded

Further cable lengths on request.

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.

**Illustration**

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

cCSAus

**More Info**

EtherNet/IP

EtherCAT

PROFI  
NET**Form**

Form 14561

**Cables**

Cable number 792

|                                 |                                     |
|---------------------------------|-------------------------------------|
| No./diameter of wires           | 2× 2× 0.34 mm <sup>2</sup>          |
| Wire isolation                  | PO (wh, ye, bl, or)                 |
| C-track properties              | 3 Mio.                              |
| Jacket Color                    | red                                 |
| Material (jacket)               | PUR (UL/CSA)                        |
| Outer Ø                         | 6.7 mm ±5%                          |
| Bend radius (moving)            | 12× outer Ø                         |
| Temperature range (fixed)       | -40...+80 °C                        |
| Temperature range (mobile)      | -30...+70 °C                        |
| Cable identification            | 792                                 |
| Approval (cable)                | UL (AWM-Style 20233/11602), CSA; CE |
| Cable weight [g/m]              | 69,30                               |
| Material (wire)                 | Cu wire, bare                       |
| Resistor (core)                 | max. 55 Ω/km (20 °C)                |
| Diameter (core)                 | 2× 2× AWG22                         |
| Material (wire isolation)       | PO                                  |
| Wire-Ø incl. isolation          | 1.4 mm ±5%                          |
| Color/numbering of wires        | wh, ye, bl, or                      |
| Shield                          | yes                                 |
|                                 | min. 85%                            |
| Material (jacket)               | PUR                                 |
| Outer-Ø (jacket)                | 6.7 mm ±5%                          |
| Color (jacket)                  | red                                 |
| thermal resistance              | flame retardant                     |
| Nominal voltage                 | 300 V                               |
| Temperature range (fixed)       | -40...+80 °C                        |
| Temperature range (mobile)      | -30...+70 °C                        |
| Bend radius (fixed)             | 5× outer Ø                          |
| Bend radius (moving)            | 12× outer Ø                         |
| No. of bending cycles (C-track) | max. 3 Mio. (25 °C)                 |
| Traversing distance (C-track)   | max. 5 m (horizontal)               |
| Travel speed (C-track)          | max. 3.3 m/s                        |
| Acceleration (C-track)          | max. 2 m/s <sup>2</sup>             |

**Technical Data**

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Operating voltage                         | max. 60 V DC                                                     |
| Operating voltage (only UL listed)        | max. 30 V DC                                                     |
| Rated surge voltage                       | 1.5 kV                                                           |
| Operating current per contact             | max. 4 A                                                         |
| Material group                            | IEC 60664-1, category I                                          |
| Transfer parameters                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)                 |
| Transfer rate                             | up to 100 Mbit/s full duplex                                     |
| Coding                                    | D-coded                                                          |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW13)                                                       |
| Protection                                | IP65, IP66K, IP67 inserted and tightened (EN 60529)              |
| Locking material                          | Zinc die casting, matte nickel plated                            |
| Material                                  | PUR                                                              |
| suitable for corrugated tube (internal Ø) | without                                                          |

**General data**

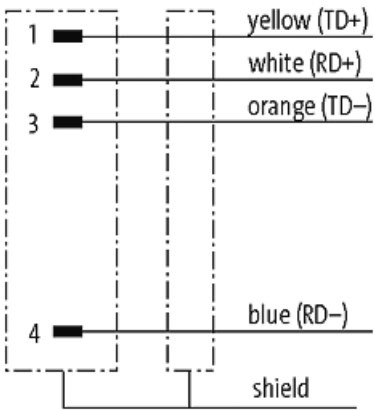
|           |                          |
|-----------|--------------------------|
| Standards | DIN EN 61076-2-101 (M12) |
|-----------|--------------------------|

|                           |                                          |
|---------------------------|------------------------------------------|
| Pollution Degree          | 3                                        |
| Stripping length (jacket) | 20 mm                                    |
| Temperature range         | -25...+85 °C, depending on cable quality |

Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879406383 |
| eClass                | 27061801      |
| Packaging unit        | 1             |

Sketch



Male



Product may differ from Image