

**M12 male 0° D-cod. / RJ45 45° right shielded**

PUR 1x4xAWG22 shielded gn UL/CSA 7.5m

Ethernet CAT5

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

Male straight – male 45° right

M12 – RJ45, 4-pole

D-coded

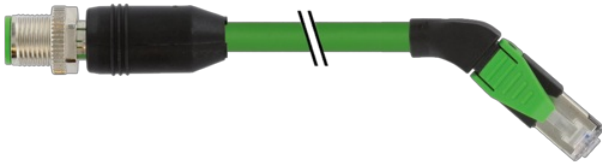
shielded

8-pole partly used

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

Male



Male





Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form 44751

#### Technical Data

|   |  |
|---|--|
| Operating voltage                         | max. 60 V DC   |
| Operating voltage (only UL listed)        | max. 30 V DC   |
| Rated surge voltage                       | 1.0 kV   |
| Operating current per contact             | max. 1.5 A (20 °C)   |
| Transfer parameters                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)                 |
| Transfer rate                             | up to 100 Mbit/s full duplex                                     |
| Material group                            | IEC 60664-1, category I  |
| Coding                                    | M12, D-coded   |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW13)   |
| Protection                                | IP67 (M12) - IP20 (RJ45)   |
| Material                                  | PUR  |
| Locking material                          | Zinc die casting, matte nickel plated                            |
| suitable for corrugated tube (internal Ø) | without  |

#### General data

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

#### Cables

|                      |   |
|----------------------|---|
| Cable identification | 794                                       |
| Approval (cable)     | cURus (AWM-Style 20549/10578), CE-conform |
| Cable weight [g/m]   | 75,87 g                                   |
| Material (wire)      | Cu wire, bare                             |
| Resistor (core)      | max. 55 Ω/km (20 °C)                      |
| Construction (core)  | 7 × 0.254 mm                              |
| Diameter (core)      | 1 × 4 × AWG22/7                           |

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|                            |   |
|----------------------------|---|
| AWG                        | similar to AWG 22   |
| Material (wire isolation)  | PE  |
| Wire-Ø incl. isolation     | 1.55 mm ±5%   |
| Color/numbering of wires   | wh, ye, bl, or  |
| Shield                     | yes   |
| optical shield cover       | min. 85%  |
| Material (jacket)          | PUR   |
| Outer-Ø (jacket)           | 6.7 mm ±5%  |
| Color (jacket)             | green   |
| chemical resistance        | Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.               |
| thermal resistance         | flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. |
| Nominal voltage            | 300 V   |
| Temperature range (fixed)  | -40...+80 °C  |
| Temperature range (mobile) | -30...+70 °C  |
| Bend radius (fixed)        | 6× outer Ø  |
| Bend radius (moving)       | 12× outer Ø   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879582933 |
| eClass                | 27061801      |
| Packaging unit        | 1.000         |