

**M12 fem. recept. D-cod. rear/RJ45 male 0° shielded**

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 7.5m

USA

Further cable lengths on request.

Ethernet CAT5

Flange female straight – male straight

M12 – RJ45, 4-pole

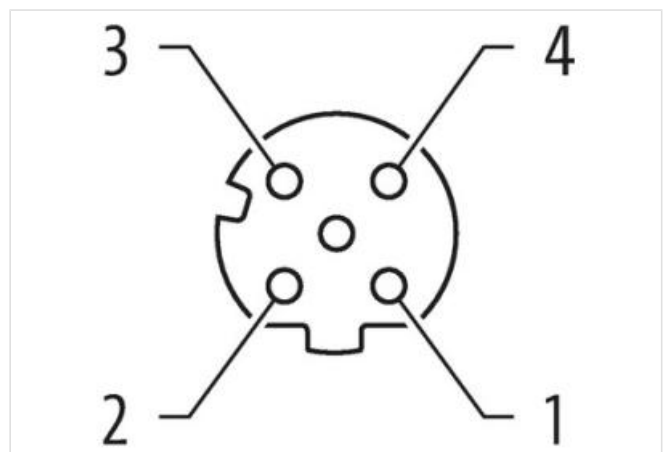
D-coded

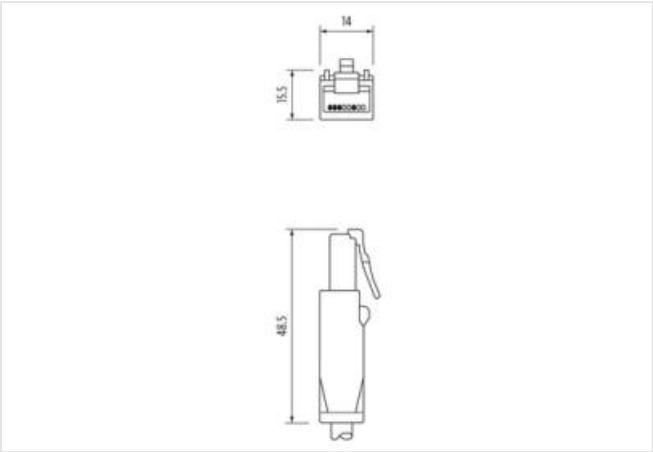
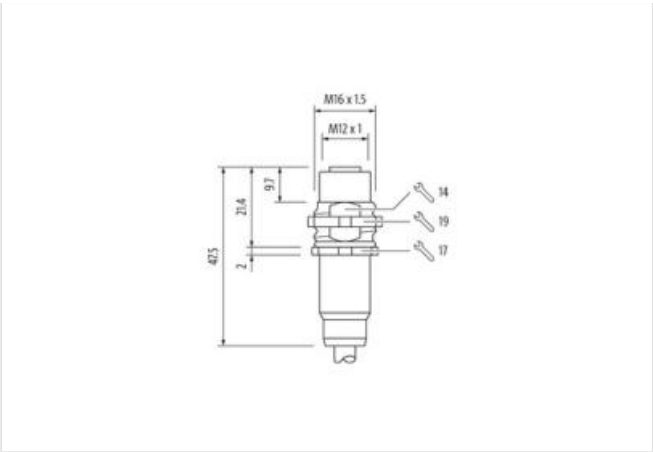
shielded

Rear mounting

Protection cap

Cable is approved for 600 V

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



Product may differ from Image



Cable length 7,5 m

| Side 1                              |                   |
|-------------------------------------|-------------------|
| Mounting method                     | inserted, screwed |
| Family construction form            | M12               |
| Coding                              | D                 |
| No. of poles                        | 4                 |
| Degree of protection (EN IEC 60529) | IP67              |
| Side 2                              |                   |
| Mounting method                     | pluggable         |
| Family construction form            | RJ45              |
| No. of poles                        | 4                 |
| Degree of protection (EN IEC 60529) | IP20              |
| Commercial data                     |                   |
| ECLASS-6.0                          | 27279220          |
| ECLASS-7.0                          | 27440103          |
| ECLASS-8.0                          | 27440103          |
| ECLASS-9.0                          | 27440103          |

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| ECLASS-10.1  | 27440103   |
| ECLASS-11.1  | 27440103   |
| ECLASS-12.0  | 27440103   |
| ETIM-5.0   | EC002599   |
| customs tariff number                                    | 85444290   |
| GTIN   | 4048879683210                                    |
| Packaging unit   | 1  |
| <b>Electrical data   Supply</b>                          |  |
| Operating voltage DC max.                                | 60 V   |
| Current operating per contact max.                       | 1,5 A  |
| <b>Industrial communication</b>                          |  |
| Transfer parameters                                      | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max.                              | 100 MBit/s                                       |
| <b>Industrial communication   Ethernet functionality</b> |  |
| duplex   | Full duplex                                      |
| <b>Installation   Connection</b>                         |  |
| Width across flats                                       | SW19   |
| <b>Device protection   Electrical</b>                    |  |
| Protection NEMA  | 3, 4, 6P   |
| Pollution Degree   | 3  |
| Rated surge voltage                                      | 1 kV   |
| Material group (IEC 60664-1)                             | I  |
| <b>Mechanical data</b>                                   |  |
| Contour for corrugated hose                              | without  |
| <b>Mechanical data   Material data</b>                   |  |
| Coating locking  | nickel plated                                    |
| Locking material   | Brass  |
| <b>Environmental characteristics   Climatic</b>          |  |
| Operating temperature min.                               | -25 °C   |
| Operating temperature max.                               | 85 °C  |
| Additional condition temperature range                   | depending on cable quality                       |
| <b>Installation   Cable</b>                              |  |
| Cable identification                                     | S7V  |
| Jacket Color   | green  |
| Type of Certificate                                      | cURus  |
| Amount stranding   | 2  |
| Stranding  | 2 wires twisted                                  |
| Amount stranding (type 2)                                | 1  |
| Stranding (type 2)                                       | 2 Stranded joints twisted                        |
| Cable shielding (type)                                   | copper braid, tinned                             |
| Cable shielding (coverage)                               | 75 %   |
| Banding  | Foil   |
| wire arrangement   | (white, blue), (orange, yellow)                  |
| Cable weighth  | 74,8 g/m   |
| Material jacket  | TPE  |
| Freedom from ingredients (jacket)                        | lead-free, CFC-free, halogen-free                |
| Outer-diameter (jacket)                                  | 7,87 mm  |
| Tolerance outer diameter (sheath)                        | ± 5 %  |
| Material wire insulation                                 | HDPE   |
| Amount wires   | 4  |
| Outer diameter insulation                                | 1,47 mm  |

|  |  |
|--|--|
| Outer diameter tolerance core insulation | ± 5 %  |
| Ingredient freeness wire insulation      | lead-free, CFC-free, halogen-free                    |
| Amount strands (wire)                    | 19   |
| Diameter of single wires                 | 22 AWG   |
| Conductor crosssection (wire)            | 22 AWG   |
| Material conductor wire                  | copper stranded wire, tinned                         |
| Nominal voltage AC max.                  | 600 V  |
| Min. operating temperature (static)      | -40 °C   |
| Max. operating temperature (fixed)       | 80 °C  |
| UV resistance                            | DIN EN ISO 4892-2 A                                  |
| Flame resistance                         | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  |
| chemical resistance                      | Good, application-related testing                    |
| Gasoline resistance                      | Good, application-related testing                    |
| Oil resistance                           | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                   | 8 x Outer diameter                                   |
| Travel speed (C-track)                   | 35 Mio. @ 25 °C                                      |
| No. of torsion cycles                    | 5 Mio. 25 °C   |
| Torsion stress                           | ± 180 °/m  |