

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

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 25m

Ethernet CAT5

Further cable lengths on request.

Flange female straight – male straight

M12 – RJ45, 4-pole

D-coded

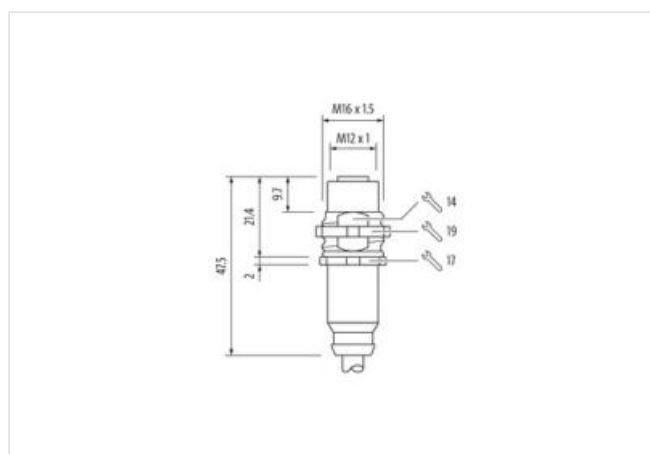
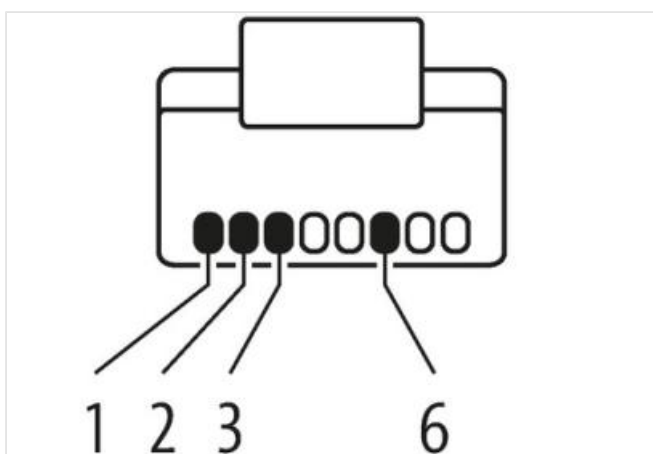
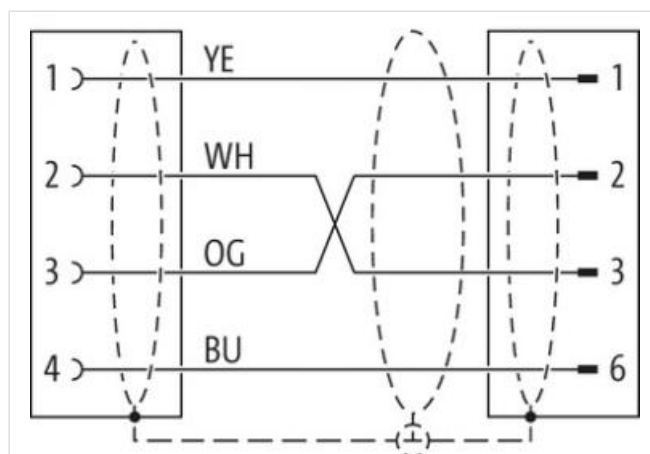
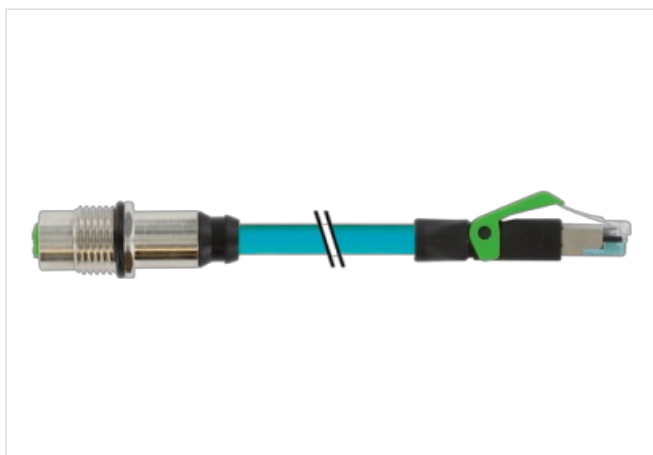
shielded

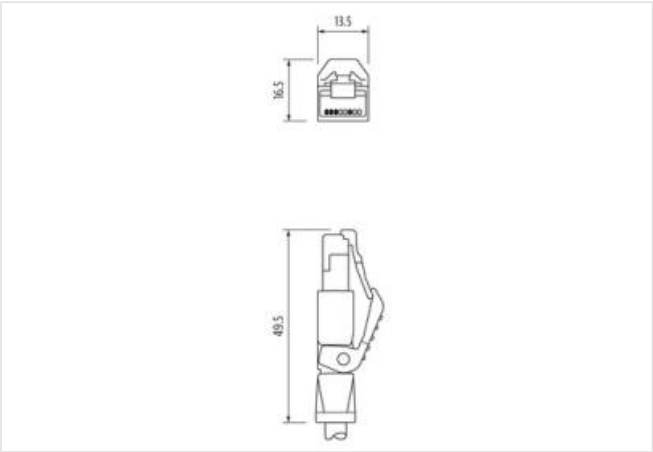
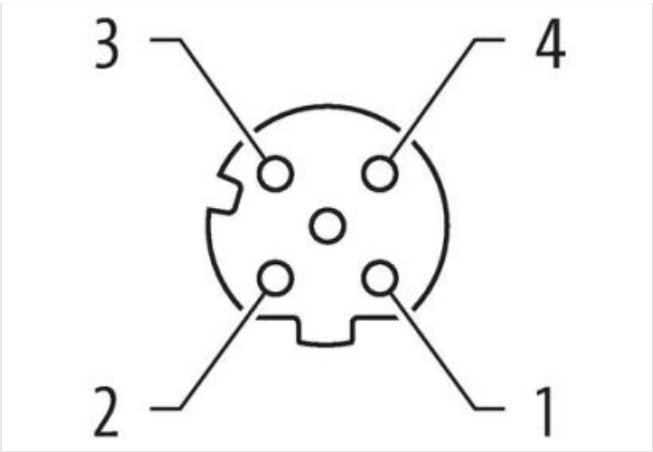
8-pole partly used

Rear mounting

USA

Cable is approved for 600 V

[Link naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length 25 m

| Side 1                                    |           |
|-------------------------------------------|-----------|
| Family construction form                  | M12       |
| suitable for corrugated tube (internal Ø) | 10 mm     |
| 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      |
| Commerciële gegevens                      |           |
| ECLASS-6.0                                | 27279220  |
| ECLASS-6.1                                | 27279220  |
| ECLASS-7.0                                | 27440103  |
| ECLASS-8.0                                | 27440103  |
| ECLASS-9.0                                | 27440103  |

|                                                          |                                                                                                                                                       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECLASS-10.1                                              | 27440103                                                                                                                                              |
| ECLASS-11.1                                              | 27440103                                                                                                                                              |
| ECLASS-12.0                                              | 27440103                                                                                                                                              |
| ETIM-5.0                                                 | EC002599                                                                                                                                              |
| Douane tarief nummer                                     | 85444290                                                                                                                                              |
| GTIN                                                     | 4048879877541                                                                                                                                         |
| Verpakkingseenheid                                       | 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>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   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>Important installation notes</b>                      |                                                                                                                                                       |
| Note on strain relief                                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius                                   | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| <b>Installation   Cable</b>                              |                                                                                                                                                       |
| Cable identification                                     | S4U                                                                                                                                                   |
| Jacket Color                                             | teal                                                                                                                                                  |
| Type of Certificate                                      | cURus                                                                                                                                                 |
| Amount stranding                                         | 2                                                                                                                                                     |
| Stranding                                                | 2 wires twisted                                                                                                                                       |
| Stranding (type 2)                                       | 2 Stranded joints twisted                                                                                                                             |
| Cable shielding (type)                                   | Metal fleece                                                                                                                                          |
| Cable shielding (coverage)                               | 75 %                                                                                                                                                  |
| Banding                                                  | Fleece                                                                                                                                                |
| wire arrangement                                         | (orange-white, orange), (green-white, green)                                                                                                          |
| Cable weight                                             | 55,66 g/m                                                                                                                                             |
| Material jacket                                          | TPE                                                                                                                                                   |
| Freedom from ingredients (jacket)                        | lead-free, CFC-free                                                                                                                                   |
| Outer-diameter (jacket)                                  | 6,6 mm                                                                                                                                                |
| Tolerance outer diameter (sheath)                        | ± 5 %                                                                                                                                                 |
| Material wire insulation                                 | HDPE                                                                                                                                                  |
| Amount wires                                             | 4                                                                                                                                                     |
| Outer diameter insulation                                | 1,25 mm                                                                                                                                               |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 65 ± 3 Shore D                                                 |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 7                                                              |
| Diameter of single wires                          | 22 AWG                                                         |
| Conductor crosssection (wire)                     | 24 AWG                                                         |
| Material conductor wire                           | copper stranded wire, tinned                                   |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 4,8 A                                                          |
| Electrical resistance line constant wire          | 59 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 3 kV @ 60 s                                                    |
| Electrical capacity line constant (wire - wire)   | 49000 pF/km                                                    |
| Power frequency withstand voltage (wire - jacket) | 3 kV @ 60 s                                                    |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C                                                          |
| Operating temperature min. (dynamic)              | -5 °C                                                          |
| Operating temperature max. (dynamic)              | 70 °C                                                          |
| Flame resistance                                  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (installation)                     | x Outer diameter                                               |
| Bending radius (fixed)                            | 7 x Outer diameter                                             |
| Bending radius (dynamic)                          | 12 x Outer diameter                                            |