

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

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 7.5m

## Ethernet CAT5

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

Flange female straight – male straight

M12 – RJ45, 8-pole

M12, A-coded

shielded

Rear mounting

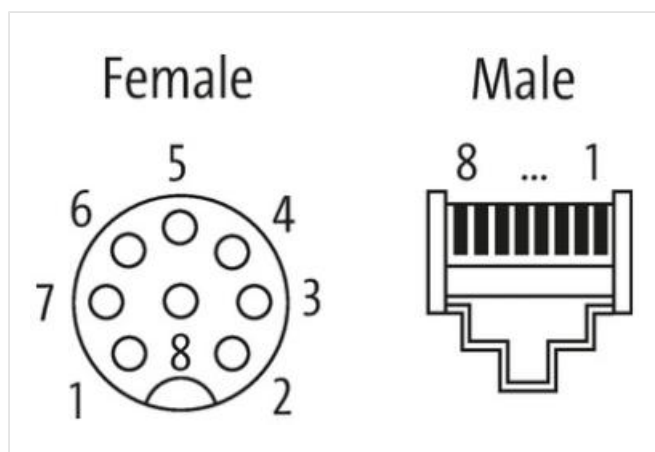
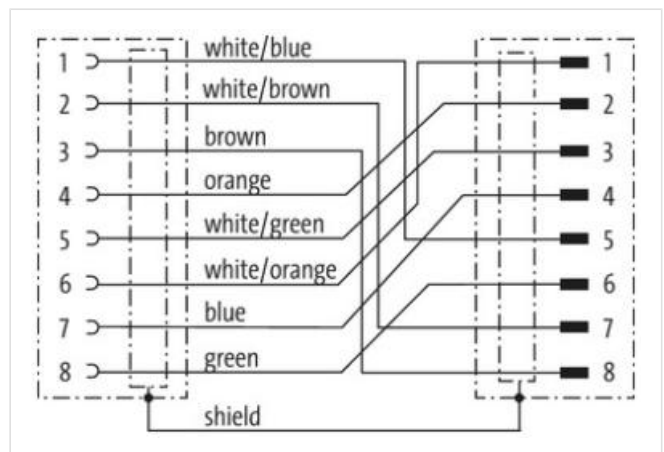
Protection cap

Further cable lengths on request.

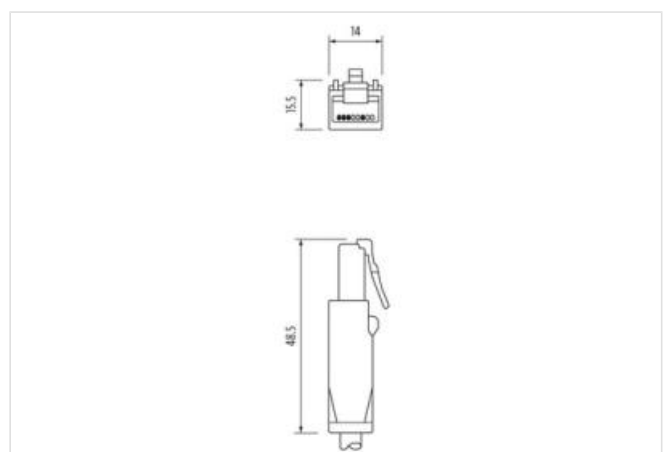
Plastic housings with good resistance against chemicals and oils.

[Link til produkt](#)

## Illustrasjon



Produktet kan avvike fra bildet



Cable length 7,5 m

**Side 1**

|                          |                   |
|--------------------------|-------------------|
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| No. of poles             | 8                 |

**Side 2**

|                          |                   |
|--------------------------|-------------------|
| Mounting method          | inserted, screwed |
| Family construction form | RJ45              |
| No. of poles             | 8                 |

**Handelsinformasjon**

|                  |               |
|------------------|---------------|
| ECLASS-6.0       | 27061801      |
| ECLASS-7.0       | 27061801      |
| ECLASS-8.0       | 27061801      |
| ECLASS-9.0       | 27061801      |
| ECLASS-10.1      | 27060307      |
| ECLASS-11.1      | 27060307      |
| ECLASS-12.0      | 27060307      |
| ETIM-5.0         | EC002599      |
| GTIN             | 4048879683142 |
| Pakkestørrelse   | 1             |
| Tolltariffnummer | 85444290      |

**Electrical data | Supply**

|                           |      |
|---------------------------|------|
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |

**Industrial communication**

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| Transfer parameters         | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 1000 MBit/s                                      |

**Device protection | Electrical**

|                              |        |
|------------------------------|--------|
| Pollution Degree             | 2      |
| Rated surge voltage          | 0,8 kV |
| Material group (IEC 60664-1) | I      |

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

**Installation | Cable**

|                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| Cable identification              | S4W                                                                                    |
| Jacket Color                      | blue                                                                                   |
| Type of Certificate               | cURus                                                                                  |
| Amount stranding                  | 4                                                                                      |
| Stranding                         | 2 wires twisted                                                                        |
| Stranding (type 2)                | 4 Stranded joints twisted                                                              |
| Banding                           | Foil                                                                                   |
| wire arrangement                  | (orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green) |
| Cable weight                      | 74,8 g/m                                                                               |
| Material jacket                   | TPE                                                                                    |
| Freedom from ingredients (jacket) | lead-free, CFC-free                                                                    |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Outer-diameter (jacket)                           | 7,6 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | HDPE                                                 |
| Amount wires                                      | 8                                                    |
| Outer diameter insulation                         | 1,17 mm                                              |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Ingredient freeness wire insulation               | lead-free, CFC-free                                  |
| Amount strands (wire)                             | 7                                                    |
| Diameter of single wires                          | 24 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 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 (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 1 Mio. @ 25 °C                                       |
| No. of torsion cycles                             | 3 Mio. 25 °C                                         |
| Torsion stress                                    | ± 270 °/m                                            |