

**M12 male 0° / M12 female 0° A-cod.**

TPE 5x22AWG ye UL/CSA. ITC/PLTC 2m

Male straight – female straight

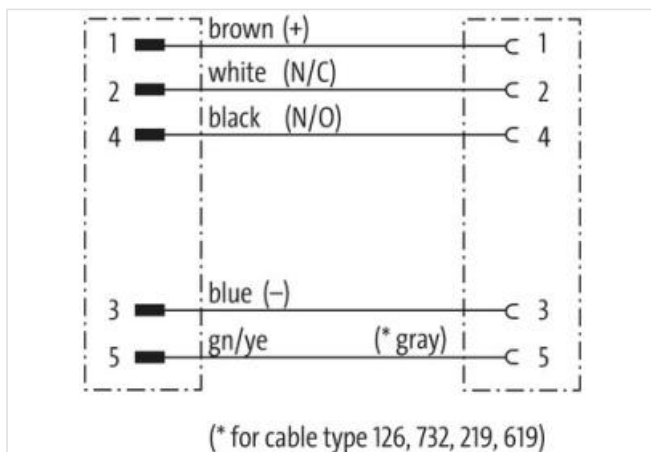
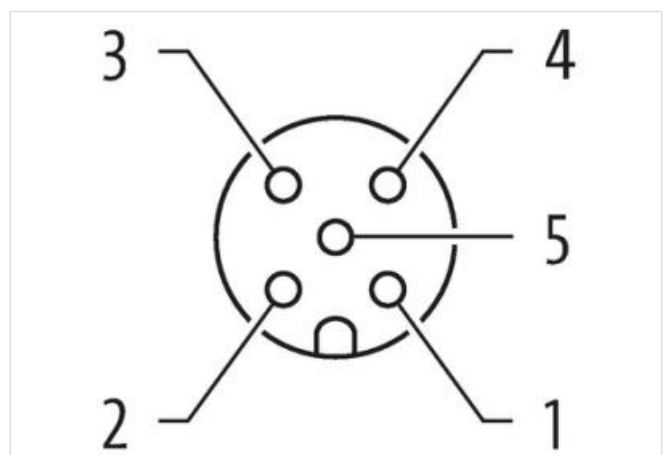
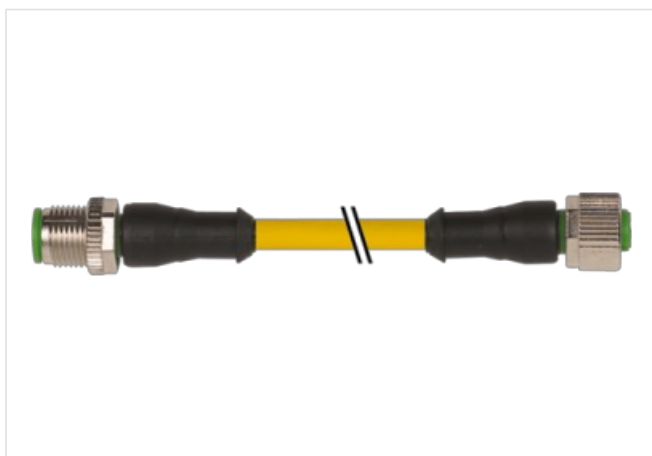
M12 – M12, 5-pole

USA

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.

Further cable lengths on request.

[Link til artikel](#)**Billede**



Produktet kan afvige fra billedet



|                                  |                   |
|----------------------------------|-------------------|
| Cable length                     | 2 m               |
| Side 1                           |                   |
| Mounting method                  | inserted, screwed |
| Family construction form         | M12               |
| No. of poles                     | 5                 |
| Side 2                           |                   |
| Mounting method                  | inserted, screwed |
| Family construction form         | M12               |
| No. of poles                     | 5                 |
| Commercial data                  |                   |
| ECLASS-6.0                       | 27279218          |
| ECLASS-6.1                       | 27279218          |
| ECLASS-7.0                       | 27279218          |
| ECLASS-8.0                       | 27279218          |
| ECLASS-9.0                       | 27060311          |
| ECLASS-10.1                      | 27060311          |
| ECLASS-11.1                      | 27060311          |
| ECLASS-12.0                      | 27060311          |
| ETIM-5.0                         | EC001855          |
| customs tariff number            | 85444290          |
| GTIN                             | 4048879911139     |
| Pakke-enhed                      | 1                 |
| Electrical data   Supply         |                   |
| Operating voltage AC max.        | 125 V             |
| Operating voltage DC max.        | 125 V             |
| Operating voltage AC (UL-listed) | 30 V              |
| Operating voltage DC (UL-listed) | 30 V              |
| Device protection   Electrical   |                   |
| Pollution Degree                 | 3                 |
| Rated surge voltage              | 1,5 kV            |
| Material group (IEC 60664-1)     | I                 |

| Mechanical data   Material data                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coating locking                                   | Nickeled                                                                                                                                              |
| Locking material                                  | Zinc die-casting                                                                                                                                      |
| 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                              | U05                                                                                                                                                   |
| Jacket Color                                      | yellow                                                                                                                                                |
| Type of Certificate                               | cURus                                                                                                                                                 |
| Amount stranding                                  | 1                                                                                                                                                     |
| Stranding                                         | 5 wires around Core filler twisted                                                                                                                    |
| Filler                                            | yes                                                                                                                                                   |
| wire arrangement                                  | brown, black, blue, white, green-yellow                                                                                                               |
| Cable weighth                                     | 59,4 g/m                                                                                                                                              |
| Material jacket                                   | TPE                                                                                                                                                   |
| Freedom from ingredients (jacket)                 | lead-free, CFC-free, halogen-free                                                                                                                     |
| Outer-diameter (jacket)                           | 5,72 mm                                                                                                                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                                                                                                 |
| Material wire insulation                          | PVC                                                                                                                                                   |
| Amount wires                                      | 5                                                                                                                                                     |
| Outer diameter insulation                         | 1,27 mm                                                                                                                                               |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                                                                 |
| Ingredient freeness wire insulation               | lead-free, CFC-free                                                                                                                                   |
| Amount strands (wire)                             | 19                                                                                                                                                    |
| Diameter of single wires                          | 22 AWG                                                                                                                                                |
| Conductor crossection (wire)                      | 22 AWG                                                                                                                                                |
| Material conductor wire                           | Stranded copper wire, bare                                                                                                                            |
| Nominal voltage AC max.                           | 300 V                                                                                                                                                 |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                                                                                                                     |
| Current load capacity min. wire                   | 4,5 A                                                                                                                                                 |
| Electrical resistance line constant wire          | 46,9 Ω/km @ 20 °C                                                                                                                                     |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                                                                                                                           |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                                                                                                           |
| Min. operating temperature (static)               | -40 °C                                                                                                                                                |
| Max. operating temperature (fixed)                | 105 °C                                                                                                                                                |
| Operating temperature min. (dynamic)              | -20 °C                                                                                                                                                |
| Operating temperature max. (dynamic)              | 90 °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                                    | Good, application-related testing   DIN EN 60811-404                                                                                                  |
| Bending radius (fixed)                            | 5 x Outer diameter                                                                                                                                    |
| Bending radius (dynamic)                          | 10 x Outer diameter                                                                                                                                   |
| Travel speed (C-track)                            | 10 Mio.                                                                                                                                               |
| No. of torsion cycles                             | 3 Mio.                                                                                                                                                |
| Torsion stress                                    | ± 180 °/m                                                                                                                                             |