

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

TPE 5x18AWG ye UL/CSA. ITC/PLTC 5.4m

Male straight – female straight

Cable is approved for 600 V

M12 – M12, 5-pole

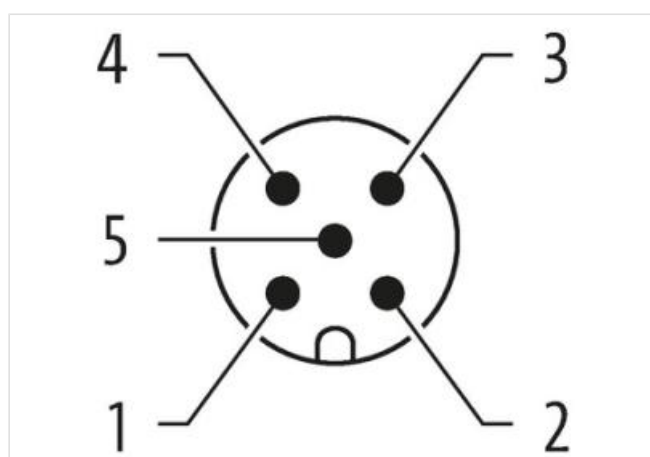
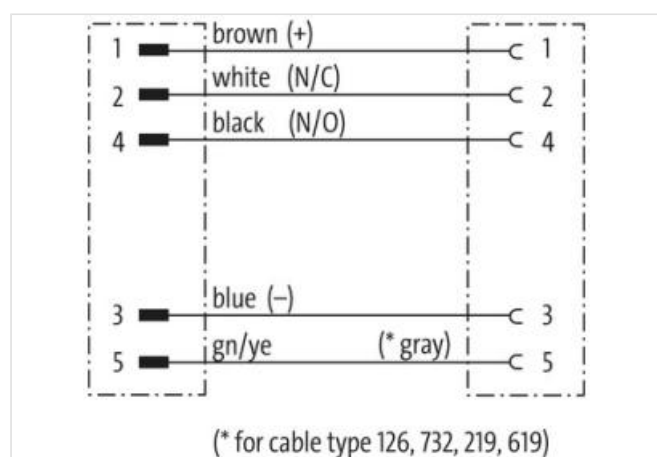
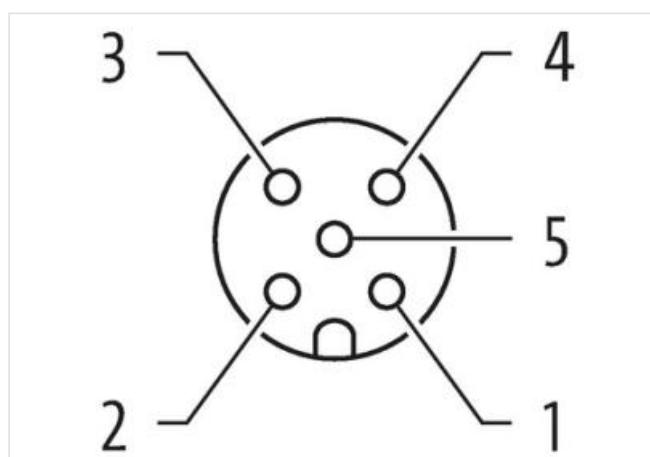
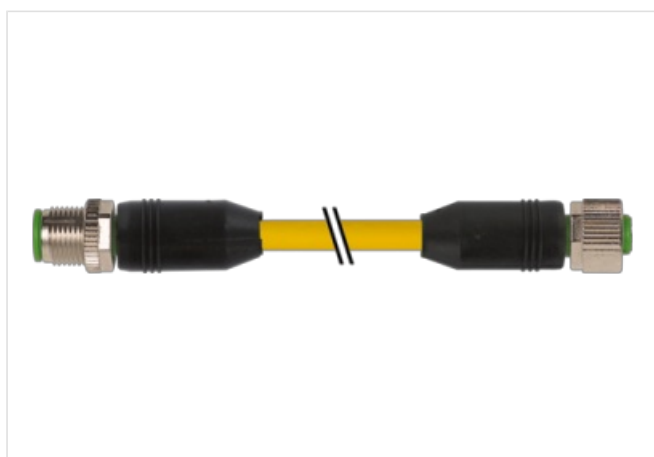
USA

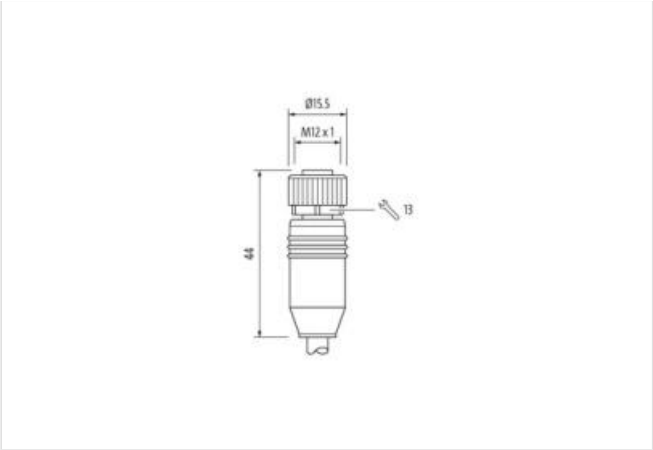
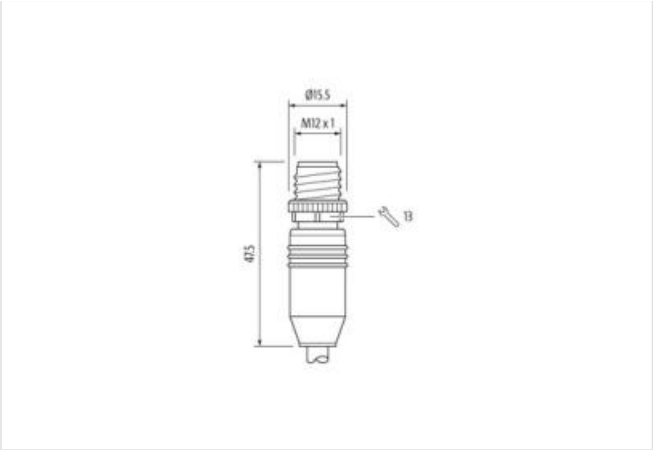
Cable is approved for 600 V

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 to Product](#)**Illustration**



Product may differ from Image



|              |       |
|--------------|-------|
| Cable length | 5,4 m |
|--------------|-------|

Side 1

|                                     |                   |
|-------------------------------------|-------------------|
| Tightening torque                   | 0,6 Nm            |
| Mounting method                     | inserted, screwed |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | A                 |
| No. of poles                        | 5                 |
| Width across flats                  | SW13              |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

Side 2

|                          |                   |
|--------------------------|-------------------|
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| Thread                   | M12 x 1           |
| Coding                   | A                 |
| No. of poles             | 5                 |
| Width across flats       | SW13              |

取引条件

|                |               |
|----------------|---------------|
| 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      |
| GTIN           | 4065909072424 |
| HSコード          | 85444290      |
| Packaging unit | 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                                                                                                                                                  |
| Current operating per contact max.       | 4 A                                                                                                                                                   |
| Device protection   Electrical           |                                                                                                                                                       |
| Additional condition protection degree   | inserted, screwed                                                                                                                                     |
| Pollution Degree                         | 3                                                                                                                                                     |
| Rated surge voltage                      | 1,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)             | I                                                                                                                                                     |
| Mechanical data                          |                                                                                                                                                       |
| Contour for corrugated hose              | without                                                                                                                                               |
| Mechanical data   Material data          |                                                                                                                                                       |
| Coating locking                          | Nickeled                                                                                                                                              |
| Material housing                         | PUR                                                                                                                                                   |
| Locking material                         | Zinc die-casting                                                                                                                                      |
| Mechanical data   Mounting data          |                                                                                                                                                       |
| Mounting method                          | inserted, screwed, Shaking protection                                                                                                                 |
| 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. |
| Conformity                               |                                                                                                                                                       |
| Product standard                         | DIN EN 61076-2-101 (M12)                                                                                                                              |
| Installation   Cable                     |                                                                                                                                                       |
| wire arrangement                         | brown, black, blue, white, green-yellow                                                                                                               |
| Cable identification                     | 161                                                                                                                                                   |
| 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 weigth                             | 103,4 g/m                                                                                                                                             |
| Material jacket                          | TPE                                                                                                                                                   |
| Freedom from ingredients (jacket)        | lead-free, CFC-free, halogen-free                                                                                                                     |
| Outer-diameter (jacket)                  | 7,75 mm                                                                                                                                               |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                                                 |
| Material wire insulation                 | PVC                                                                                                                                                   |
| Amount wires                             | 5                                                                                                                                                     |
| Outer diameter insulation                | 1,93 mm                                                                                                                                               |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                                                 |
| Ingredient freeness wire insulation      | lead-free, CFC-free                                                                                                                                   |
| Amount strands (wire)                    | 19                                                                                                                                                    |
| Diameter of single wires                 | 18 AWG                                                                                                                                                |
| Conductor crossection (wire)             | 18 AWG                                                                                                                                                |
| Material conductor wire                  | Stranded copper wire, bare                                                                                                                            |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Nominal voltage AC max.                           | 600 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 9 A                                                  |
| Electrical resistance line constant wire          | 22,5 Ω/km                                            |
| AC withstand voltage (wire - wire)                | 4 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 4 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                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                            | 10 x Outer diameter                                  |
| Bending radius (dynamic)                          | 15 x Outer diameter                                  |
| No. of bending cycles (C-track)                   | 10 Mio.                                              |
| No. of torsion cycles                             | 3 Mio.                                               |
| Torsion stress                                    | ± 180 °/m                                            |