

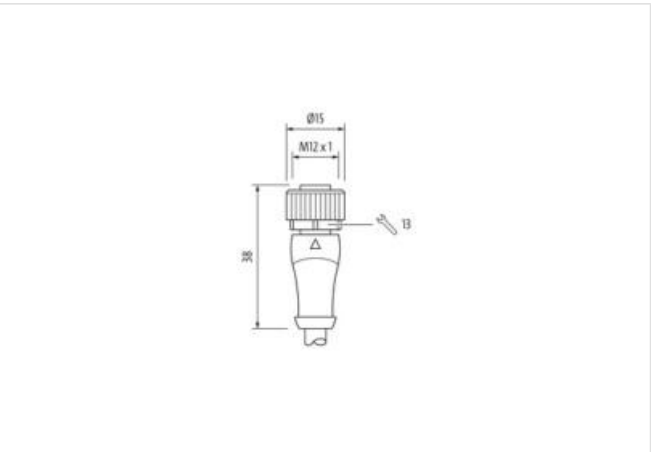
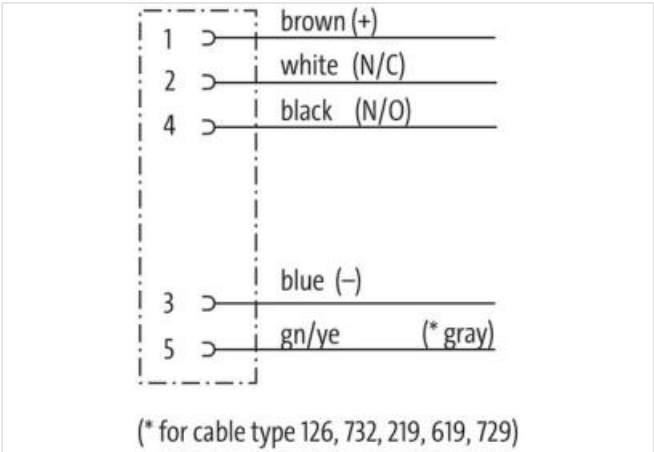
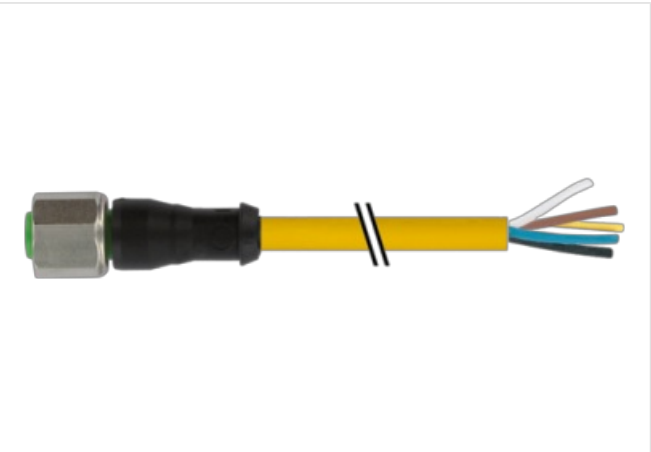
M12 female 0° A-cod. with cable V2A

PUR 5x0.34 ye UL/CSA+drag ch. 20m

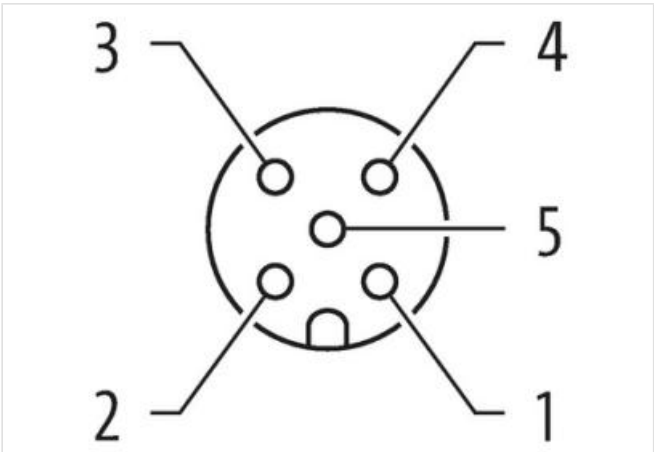
Female straight  
M12, 5-pole  
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request  
Stainless steel 1.4305 (V2A)  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



|                   |        |
|-------------------|--------|
| Cable length      | 20 m   |
| Side 1            |        |
| Tightening torque | 0,6 Nm |

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Family construction form                  | M12                                     |
| Thread                                    | M12 x 1                                 |
| suitable for corrugated tube (internal Ø) | 10 mm                                   |
| Coding                                    | A                                       |
| Width across flats                        | SW13                                    |
| Degree of protection (EN IEC 60529)       | IP66K, IP67                             |
| 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                                      | 4048879372725                           |
| 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                                       |
| Material group (IEC 60664-1)              | I                                       |
| Mechanical data   Material data           |                                         |
| Material housing                          | PUR                                     |
| Locking material                          | Stainless steel 1.4305 (V2A)            |
| 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              |
| Conformity                                |                                         |
| Product standard                          | DIN EN 61076-2-101 (M12)                |
| Installation   Cable                      |                                         |
| Cable identification                      | 035                                     |
| Cable Type                                | 3                                       |
| 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 |
| No. of bending cycles (C-track)           | 10 Mio. @ 25 °C                         |
| Cable weighth                             | 41,8 g/m                                |

|                                                         |                                                                |
|---------------------------------------------------------|----------------------------------------------------------------|
| Material jacket                                         | PUR                                                            |
| Shore hardness jacket                                   | 90 ± 5 Shore A                                                 |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                                 | 4,8 mm                                                         |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                          |
| Material wire insulation                                | PP                                                             |
| Amount wires                                            | 5                                                              |
| Outer diameter insulation                               | 1,25 mm                                                        |
| Outer diameter tolerance core insulation                | ± 5 %                                                          |
| Shore hardness wire insulation                          | 70 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                                   | 42                                                             |
| Diameter of single wires                                | 0,1 mm                                                         |
| Conductor crosssection (wire)                           | 0,34 mm <sup>2</sup>                                           |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Conductor type (wire)                                   | strand class 6                                                 |
| Traversing distance (C-track)                           | 10 m @ 25 °C   horizontal                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                         | 4,5 A                                                          |
| Electrical resistance line constant wire                | 57 Ω/km @ 20 °C                                                |
| Nominal voltage power AC max.                           | 300 V                                                          |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s                                                  |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Min. operating temperature (static)                     | -40 °C                                                         |
| Max. operating temperature (fixed)                      | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)                    | -25 °C                                                         |
| Operating temperature max. (dynamic)                    | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance                                        | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090            |
| 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                                            |
| No. of torsion cycles                                   | 2 Mio.                                                         |
| Torsion speed                                           | 35 cycles/min                                                  |
| Torsion stress                                          | ± 180 °/m                                                      |