

**M12 male 90° / M12 female 0° A-cod. V4A**

PUR 4x0.34 ye UL/CSA 4m

**⚠ NOTICE ⚠****PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male 90° – female straight

M12 – M12, 4-pole

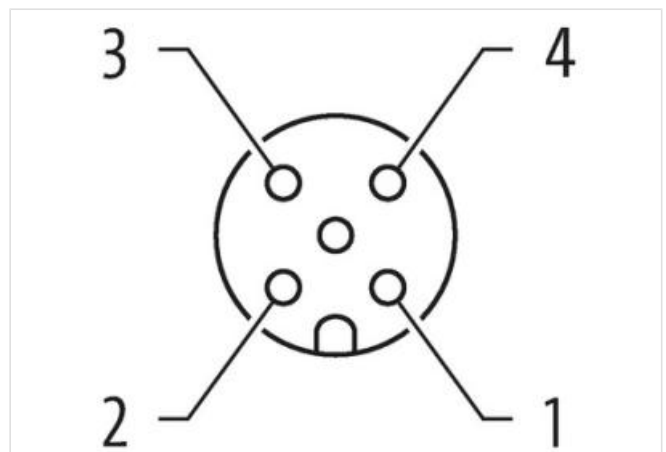
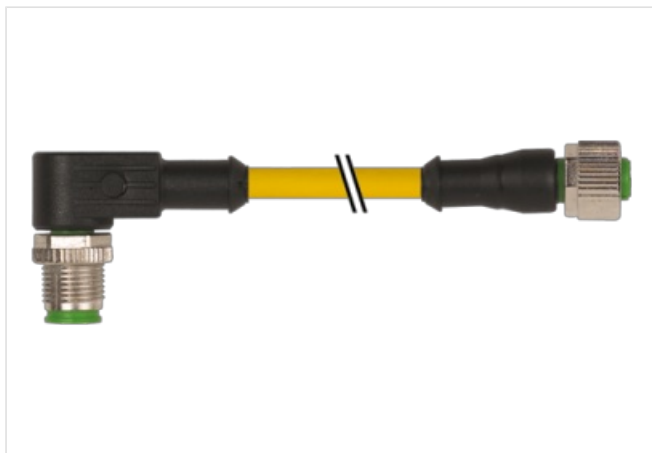
Stainless steel 1.4404 (V4A)

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

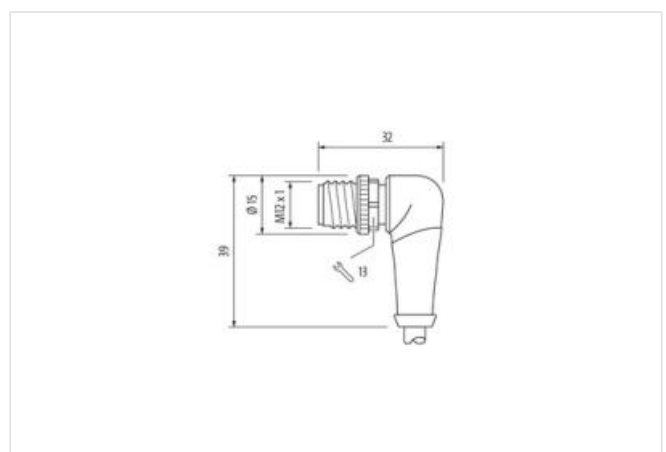
Plastic housings with good resistance against chemicals and oils.

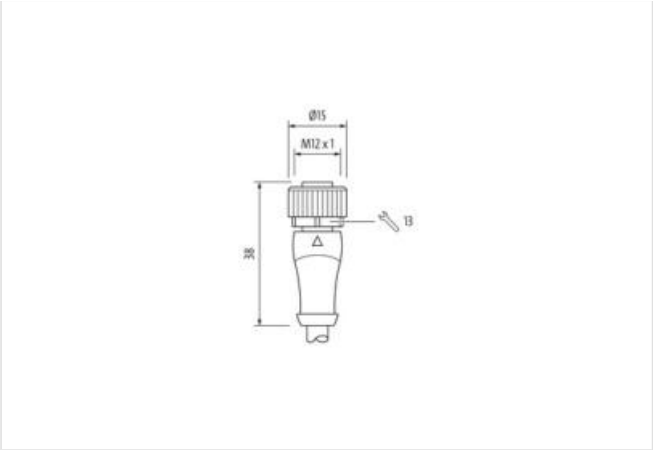
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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

|   |    |     |
|---|----|-----|
| 1 | BN | ↔ 1 |
| 2 | WH | ↔ 2 |
| 3 | BU | ↔ 3 |
| 4 | BK | ↔ 4 |





Product van afwijken van afbeelding



|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 4 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)       | IP65, IP66K, IP67 |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| Coding                                    | A                 |
| Commerciële gegevens                      |                   |
| 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          |
| Douane tarief nummer                      | 85444290          |
| GTIN                                      | 4048879546539     |
| Verpakkingseenheid                        | 1                 |
| Electrical data   Supply                  |                   |
| Operating voltage AC max.                 | 250 V             |
| Operating voltage DC max.                 | 250 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

|                              |        |
|------------------------------|--------|
| Pollution Degree             | 3      |
| Rated surge voltage          | 2,5 kV |
| Material group (IEC 60664-1) | I      |

#### Mechanical data | Material data

|                  |                              |
|------------------|------------------------------|
| Material housing | PUR                          |
| Locking material | Stainless steel 1.4404 (V4A) |

#### 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                     | 282                                                                                    |
| Jacket Color                             | blue                                                                                   |
| Amount stranding                         | 1                                                                                      |
| Stranding                                | 3 wires twisted                                                                        |
| Amount stranding (type 2)                | 1                                                                                      |
| Stranding (type 2)                       | 9 wires around Stranding combination twisted                                           |
| Banding                                  | Fleece                                                                                 |
| wire arrangement                         | gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue |
| No. of bending cycles (C-track)          | 4 Mio. @ 25 °C                                                                         |
| Cable weight                             | 44 g/m                                                                                 |
| Material jacket                          | TPE-S                                                                                  |
| Shore hardness jacket                    | 47 ± 5 Shore D                                                                         |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free                         |
| Outer-diameter (jacket)                  | 6 mm                                                                                   |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                  |
| Material wire insulation                 | PP                                                                                     |
| Amount wires                             | 12                                                                                     |
| Outer diameter insulation                | 1 mm                                                                                   |
| Outer diameter tolerance core insulation | ± 5 %                                                                                  |
| Shore hardness wire insulation           | 64 ± 3 Shore D                                                                         |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free                         |
| Amount strands (wire)                    | 18                                                                                     |
| Diameter of single wires                 | 0,1 mm                                                                                 |
| Conductor crosssection (wire)            | 0,14 mm²                                                                               |
| 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          | 2 A                                                                                    |
| Electrical resistance line constant wire | 139 Ω/km @ 20 °C                                                                       |
| Nominal voltage power AC max.            | 300 V                                                                                  |
| AC withstand voltage power (wire - wire) | 3 kV @ 60 s                                                                            |
| Min. operating temperature (static)      | -40 °C                                                                                 |
| Max. operating temperature (fixed)       | 105 °C                                                                                 |

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| Operating temperature min. (dynamic) | -25 °C                                               |
| Operating temperature max. (dynamic) | 105 °C                                               |
| Flame resistance                     | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| 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                                  |
| No. of torsion cycles                | 2 Mio.                                               |
| Torsion speed                        | 35 cycles/min                                        |
| Torsion stress                       | ± 180 °/m                                            |