

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

PUR 4x0.34 bk UL/CSA 0.85m

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

Male 90° – female 90°

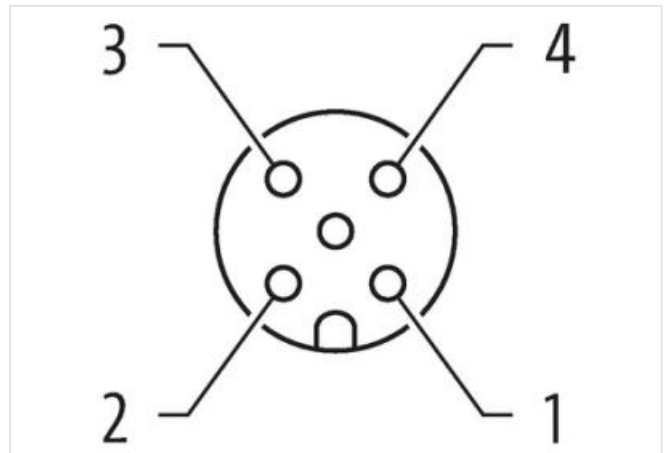
M12 – M12, 4-pole

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

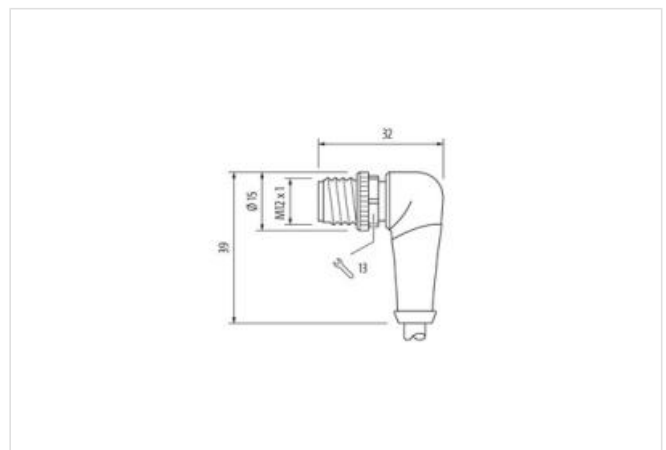
Plastic housings with good resistance against chemicals and oils.

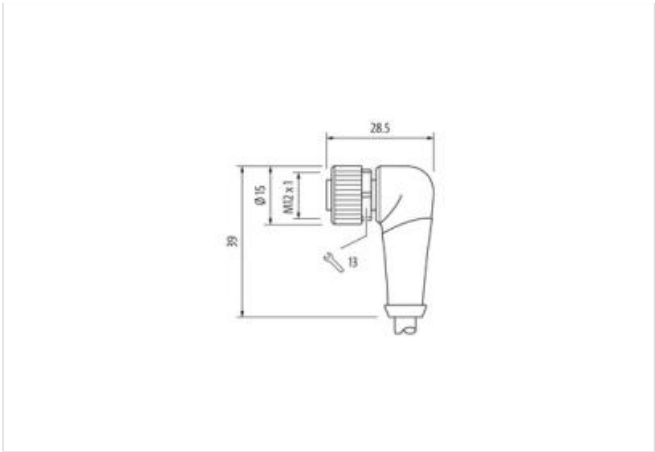
The resistance to aggressive media should be individually tested for your application. Further details on request.

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                              | 0,85 m            |
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material                                  | PUR               |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP66K, IP67       |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material                                  | PUR               |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP66K, IP67       |
| 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 4048879706643

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

#### Installation | Connection

Mounting set M12 x 1

#### Device protection | Electrical

Additional condition protection degree inserted, screwed

Pollution Degree 3

Material group (IEC 60664-1) I

#### Mechanical data | Material data

Coating of fitting nickel plated

Material screw connection 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

#### Conformity

Product standard DIN EN 61076-2-101 (M12)

#### Cable

Cable identification 624

Cable Type 2 (PUR/PVC)

Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform

Cable weight [g/m] 42,68 g

Material wire Cu wire, bare

Resistor (core) max. 57 Ω/km (20 °C)

Single wire Ø (core) 0.1 mm

Construction (core) 42× 0.1 mm (multi-strand wire class 6)

Diameter (core) 4× 0.34 mm<sup>2</sup>

AWG similar to AWG 22

Material wire isolation PVC

Material property wire insulation CFC-, cadmium-, silicone- and lead-free

Shore hardness wire isolation 43 ±5 D

Wire-Ø incl. isolation 1.25 mm ±5%

Color/numbering of wires br, bk, bl, wh

Stranding combination 4 wires twisted

Shield no

Material jacket PUR/PVC

Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant

Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)

Outer-Ø (jacket) 4.6 mm ±5%

Color jacket black

chemical resistance good resistance to oil, gasoline and chemicals

Nominal voltage UL 300 V AC

|                                 |                     |
|---------------------------------|---------------------|
| Test voltage                    | 2000 V AC           |
| Current load capacity           | to DIN VDE 0298-4   |
| Temperature range (fixed)       | -30...+80 °C        |
| Temperature range (mobile)      | -5...+80 °C         |
| Bending radius (fixed)          | 10× outer Ø         |
| Bending radius (dynamic)        | 15× outer Ø         |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C) |
| Travel speed (C-track)          | max. 3.3 m/s        |
| Acceleration (C-track)          | max. 5 m/s²         |