

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

PUR 5x0.34 bk UL/CSA+drag ch. 6m

Male 90° – female 90°

M12 – M12, 5-pole

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

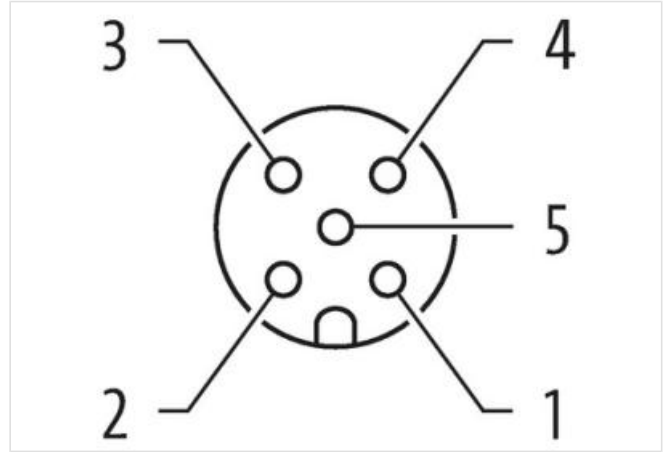
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

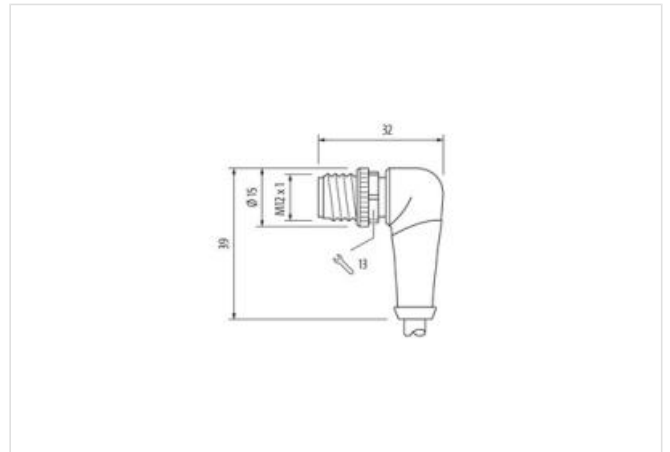
**Ürün Linki**

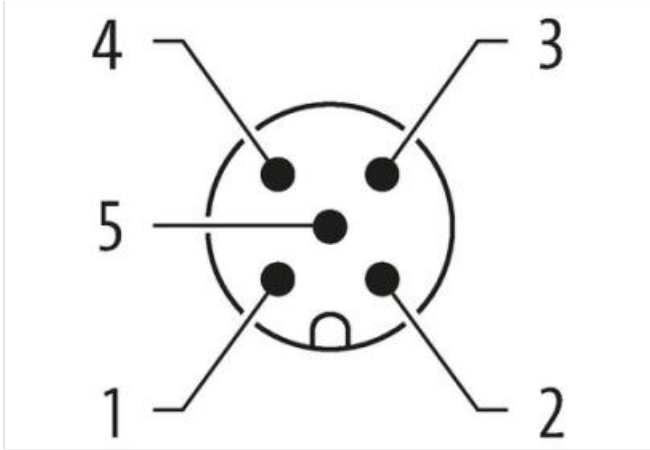
örnekleme



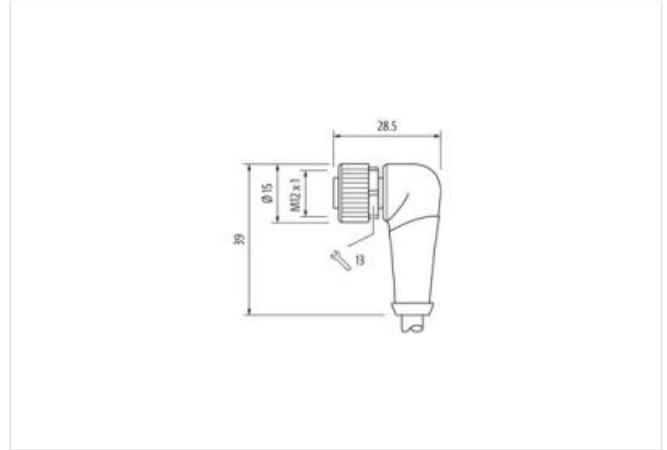
|   |                |     |
|---|----------------|-----|
| 1 | brown (+)      | C 1 |
| 2 | white (N/C)    | C 2 |
| 4 | black (N/O)    | C 4 |
| 3 | blue (-)       | C 3 |
| 5 | gn/ye (* gray) | C 5 |

(\* for cable type 126, 732, 219, 619)





Ürün Image farklı olabilir



Cable length 6 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       |

#### Ticari bilgiler

|                         |               |
|-------------------------|---------------|
| ECLASS-6.0              | 27061801      |
| GTIN                    | 4065909063316 |
| Gümrük tarife no (gtip) | 85444290      |
| Paket miktarı           | 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   |

**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 locking Nickeled

Coating of fitting nickel plated

Locking material Zinc die-casting

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

**Installation | Cable**

Cable identification 635

Cable Type 3

Jacket Color black

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 weight 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                    |
| UV resistance                        | DIN EN ISO 4892-2 A                                  |
| 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                                  |
| No. of torsion cycles                | 2 Mio.                                               |
| Torsion speed                        | 35 cycles/min                                        |
| Torsion stress                       | ± 180 °/m                                            |