

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

PUR 3x0.34 ye UL/CSA 6m

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

Y-connector M12 – M12, 4-pole

Male straight – females 90°

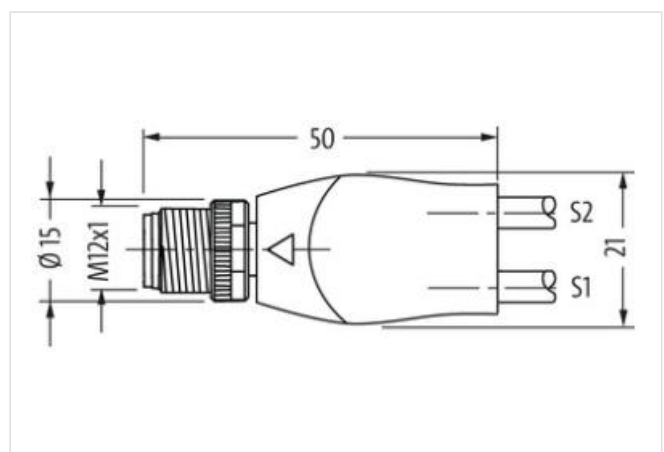
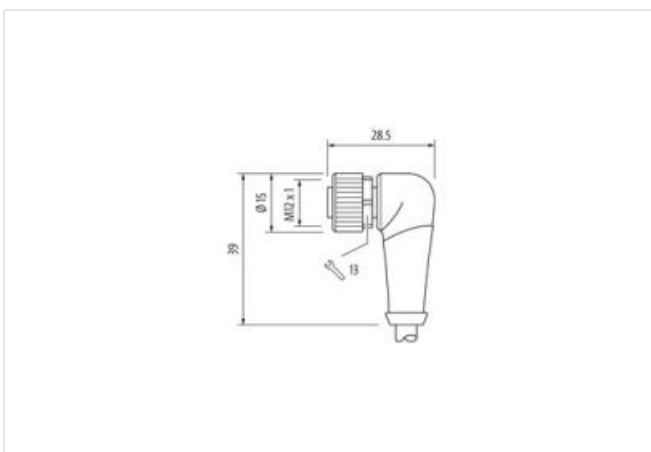
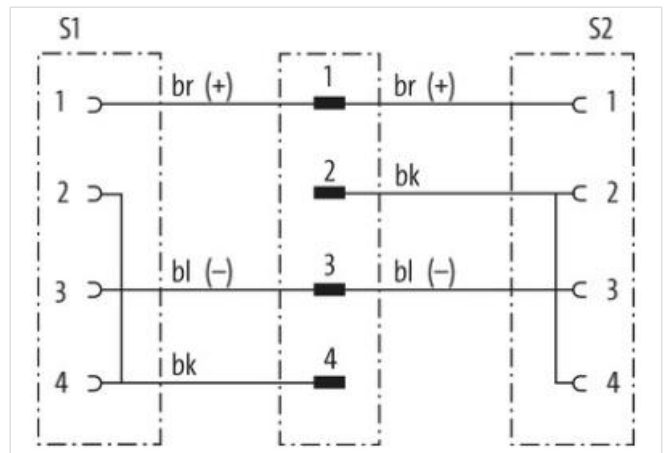
bridged

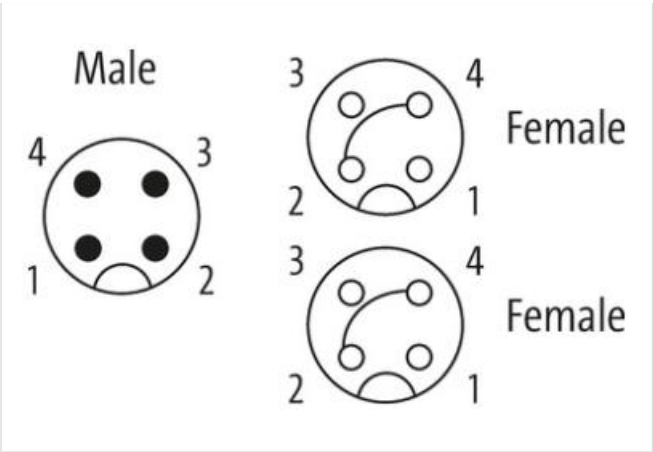
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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 to Product](#)****Illustration**



Product may differ from Image



|                                           |                   |
|-------------------------------------------|-------------------|
| 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)       | IP65, IP66K, IP67 |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| Coding                                    | A                 |
| Material                                  | PUR               |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Side 3                                    |                   |
| Family construction form                  | M12               |
| Coding                                    | A                 |
| Commercial data                           |                   |
| ECLASS-6.0                                | 27061801          |
| customs tariff number                     | 85444290          |
| Packaging unit                            | 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

Rated surge voltage 2,5 kV

Material group (IEC 60664-1) I

#### Mechanical data | Material data

Coating locking Nickeled

Coating of fitting nickel plated

Material gasket FKM

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

#### Conformity

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

#### Cable

Cable identification 023

Cable Type 2 (PUR/PVC)

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

Cable weight [g/m] 35,97 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) 3× 0.34 mm²

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

Stranding combination 3 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) 4.3 mm ±5%

Color jacket yellow

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/s <sup>2</sup> |