

## Y-Distributor M12 male / M12 female 0° A-cod. LED

PUR 3x0.34 bk UL/CSA+drag ch. 0.6m

Y-connector M12 – M12, 4/3-pole

Male straight – females straight

A-coded

2x LED (PNP), (NPN) on request

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

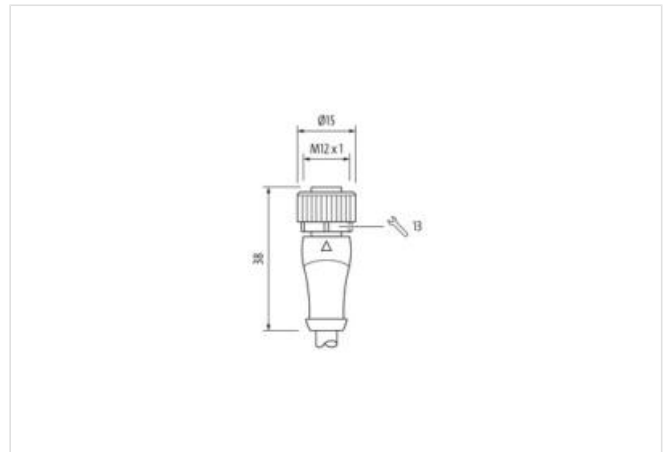
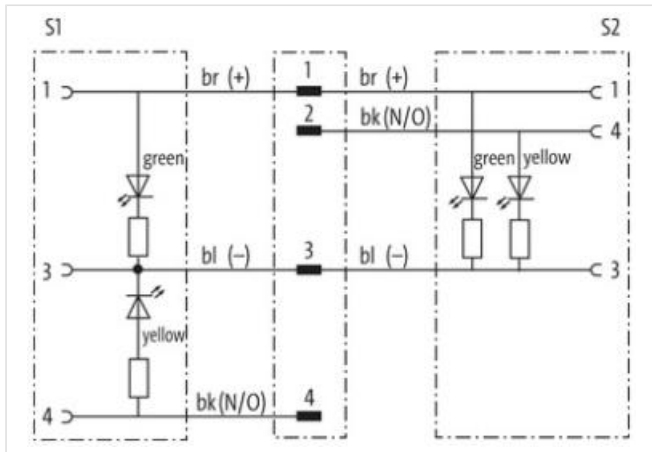
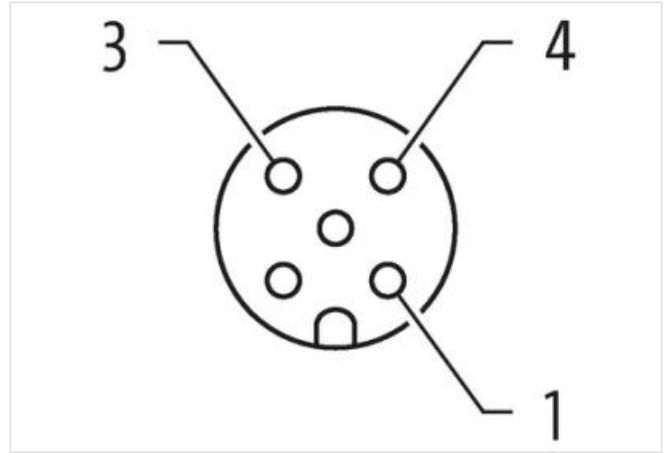
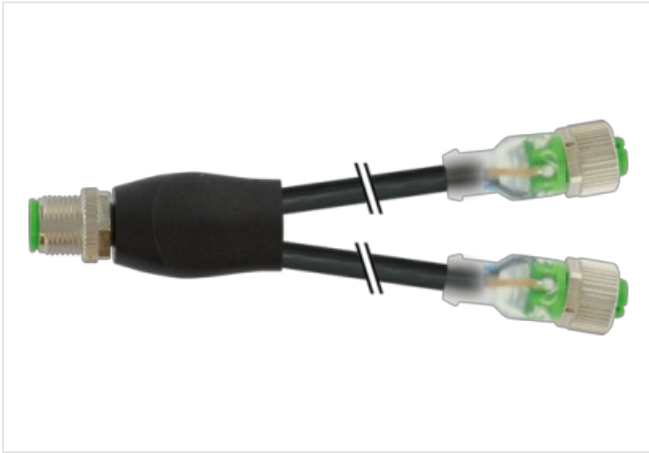
Plastic housings with good resistance against chemicals and oils.

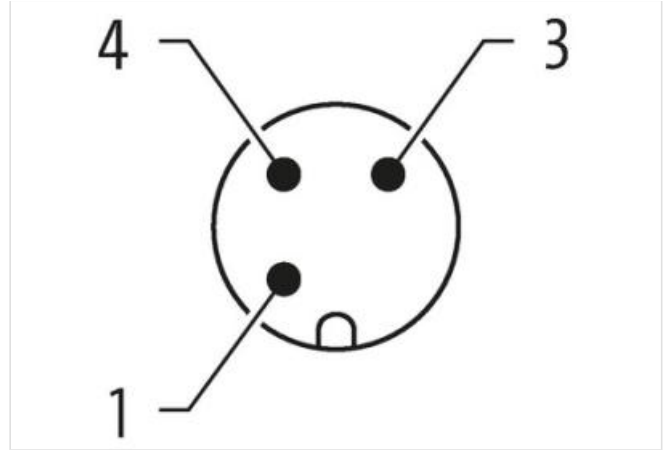
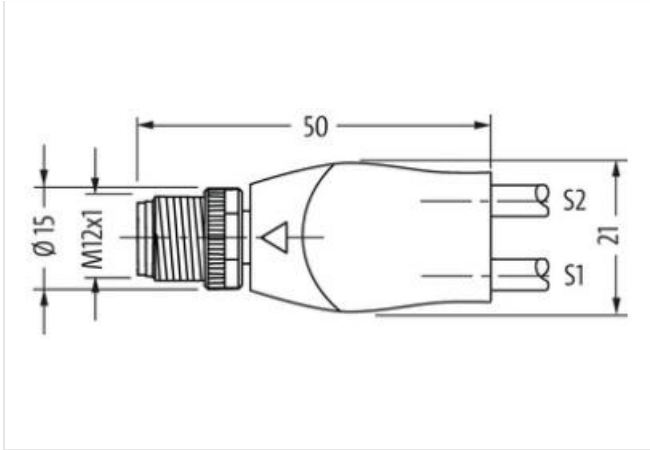
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

## Ürün Linki

örnekleme





Ürün Image farklı olabilir



Cable length 0,6 m

#### Side 1

Tightening torque 0,6 Nm

Mounting method inserted, screwed

Coating contact gold plated

Family construction form M12

Thread M12 x 1

suitable for corrugated tube (internal Ø) 10 mm

Coding A

Material contact Copper alloy

Material PUR

No. of poles 4

Width across flats SW13

Degree of protection (EN IEC 60529) IP65, IP67

#### Side 2

Tightening torque 0,6 Nm

Mounting method inserted, screwed

Coating contact gold plated

Family construction form M12

Thread M12 x 1

Coding A

Material contact Copper alloy

Material PUR

No. of poles 3

Width across flats SW13

Degree of protection (EN IEC 60529) IP65, IP67

#### Side 3

Mounting method inserted, screwed

Family construction form M12

Coding A

No. of poles 3

#### Ticari bilgiler

|                         |               |
|-------------------------|---------------|
| ECLASS-6.0              | 27279218      |
| ECLASS-7.0              | 27279218      |
| ECLASS-8.0              | 27279218      |
| ECLASS-9.0              | 27060311      |
| ECLASS-10.1             | 27060313      |
| ECLASS-11.1             | 27060313      |
| ECLASS-12.0             | 27060313      |
| ETIM-5.0                | EC001855      |
| GTIN                    | 4048879537384 |
| Gümrük tarife no (gtip) | 85444290      |
| Paket miktarı           | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC               | 24 V |
| Operating voltage DC min.          | 18 V |
| Operating voltage DC max.          | 30 V |
| Current operating per contact max. | 4 A  |

**Diagnostics**

|                       |               |
|-----------------------|---------------|
| Status indication LED | green, yellow |
|-----------------------|---------------|

**Installation | Connection**

|              |         |
|--------------|---------|
| Mounting set | M12 x 1 |
|--------------|---------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 0,8 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 |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

**Conformity**

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

**Installation | Cable**

|                      |                 |
|----------------------|-----------------|
| Cable identification | 633             |
| Cable Type           | 3               |
| Jacket Color         | black           |
| Type of Certificate  | cURus           |
| Amount stranding     | 1               |
| Stranding            | 3 wires twisted |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| wire arrangement                                  | brown, black, blue                                             |
| Traversing distance (C-track)                     | 10 m @ 25 °C   horizontal                                      |
| Cable weight                                      | 29,7 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)                           | 4,1 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 3                                                              |
| 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                                                 |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 6 A                                                            |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Power frequency withstand voltage (wire - jacket) | 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 § 1090   UL 1581 § 1100 FT2   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                                            |
| Travel speed (C-track)                            | 10 Mio. @ 25 °C                                                |
| No. of torsion cycles                             | 2 Mio.                                                         |
| Torsion stress                                    | ± 180 °/m                                                      |
| Torsion speed                                     | 35 cycles/min                                                  |