

**M12 female 90° A-cod. with cable**

PUR 5x0.75 gy UL/CSA 10m

Female 90°

M12, 5-pole

with cable sleeves

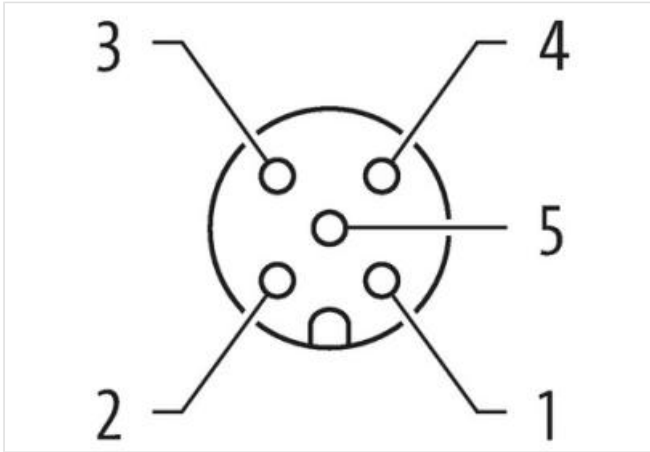
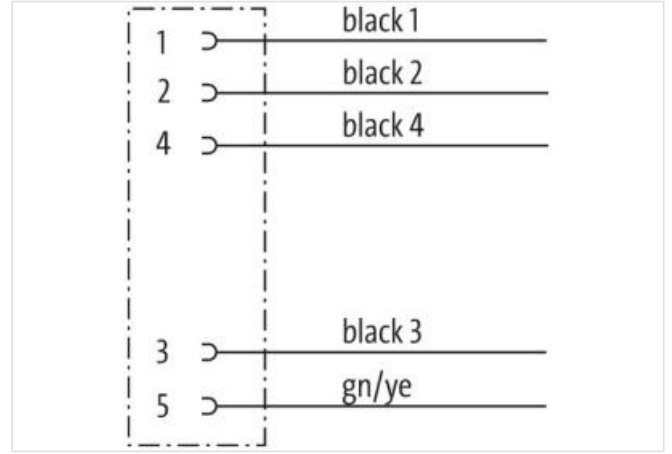
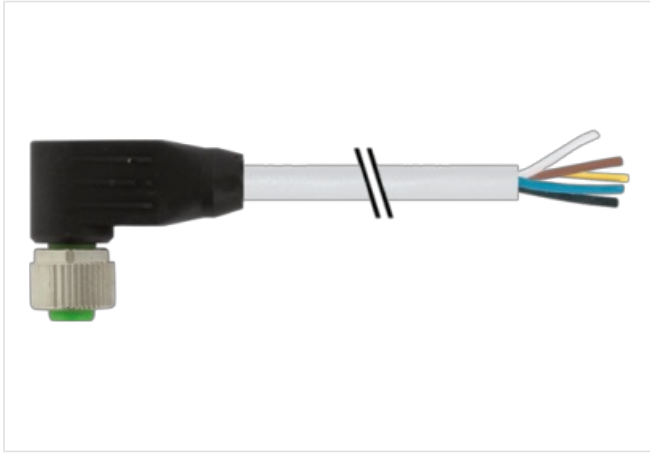
Plastic housings with good resistance against chemicals and oils.

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

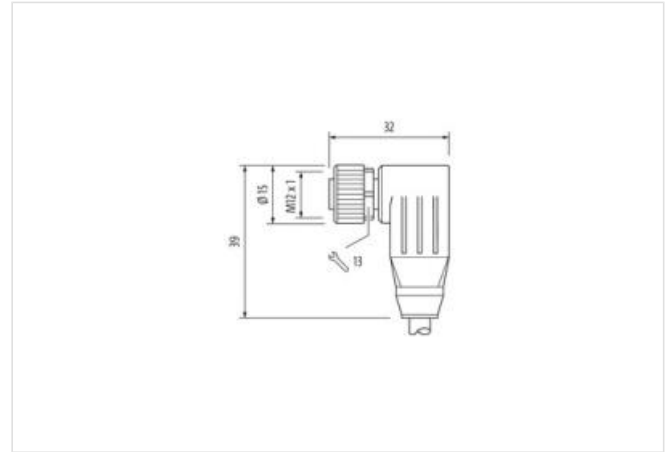
Further cable lengths on request.

**Ürün Linki**

örnekleme



Ürün Image farklı olabilir



Cable length 10 m

**Side 1**

Tightening torque 0,6 Nm

|                                     |                   |
|-------------------------------------|-------------------|
| Mounting method                     | inserted, screwed |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | A                 |
| No. of poles                        | 5                 |
| Width across flats                  | SW13              |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

**Side 2**

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

**Ticari bilgiler**

|                         |               |
|-------------------------|---------------|
| ECLASS-6.0              | 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      |
| GTIN                    | 4048879084901 |
| Gümrük tarife no (gtip) | 85444290      |
| Paket miktarı           | 1             |

**Electrical data | Supply**

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 125 V |
| Operating voltage DC max.          | 125 V |
| Current operating per contact max. | 4 A   |

**Installation | Connection**

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | I                 |

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Coating locking  | Nickel           |
| Material housing | PUR              |
| Locking material | 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**

|                    |        |
|--------------------|--------|
| STOOW style jacket | Signal |
|--------------------|--------|

|                                          |                                                  |
|------------------------------------------|--------------------------------------------------|
| Cable identification                     | 228                                              |
| Cable Type                               | 2                                                |
| Printing color of wire insulation        | white (isolation black)                          |
| Jacket Color                             | gray                                             |
| Type of Certificate                      | cURus                                            |
| Amount stranding                         | 1                                                |
| Stranding                                | 5 wires around Core filler twisted               |
| Filler                                   | yes                                              |
| wire arrangement                         | black 1, black 2, black 3, black 4, green-yellow |
| Cable weight                             | 92,4 g/m                                         |
| Material jacket                          | PUR                                              |
| Shore hardness jacket                    | 85 ± 5 Shore A                                   |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket)                  | 7 mm                                             |
| Tolerance outer diameter (sheath)        | ± 5 %                                            |
| Material inner jacket                    | PVC                                              |
| Color (inner jacket)                     | yellow                                           |
| Material wire insulation                 | PVC                                              |
| Amount wires                             | 5                                                |
| Outer diameter insulation                | 1,8 mm                                           |
| Outer diameter tolerance core insulation | ± 5 %                                            |
| Shore hardness wire insulation           | 43 ± 5 Shore D                                   |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, silicone-free |
| Printing color of wire insulation        | white (isolation black)                          |
| Amount strands (wire)                    | 42                                               |
| Diameter of single wires                 | 0,15 mm                                          |
| Conductor crosssection (wire)            | 0,75 mm²                                         |
| Material conductor wire                  | Stranded copper wire, bare                       |
| Conductor type (wire)                    | strand class 6                                   |
| Electrical function wire                 | Signal                                           |
| Traversing distance (C-track)            | 5 m @ 25 °C                                      |
| Nominal voltage AC max.                  | 300 V                                            |
| Current load capacity (standard)         | to DIN VDE 0298-4                                |
| Current load capacity min. wire          | 9 A                                              |
| Electrical function wire                 | Signal                                           |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C                                  |
| Min. operating temperature (static)      | -30 °C                                           |
| Max. operating temperature (fixed)       | 80 °C                                            |
| Operating temperature min. (dynamic)     | -5 °C                                            |
| Operating temperature max. (dynamic)     | 80 °C                                            |
| chemical resistance                      | Good, application-related testing                |
| Gasoline resistance                      | Good, application-related testing                |
| Oil resistance                           | DIN EN 60811-404                                 |
| Bending radius (fixed)                   | 10 x Outer diameter                              |
| Bending radius (dynamic)                 | 15 x Outer diameter                              |
| Travel speed (C-track)                   | 2 Mio. @ 25 °C                                   |