

**M12 male 90° A-cod. with cable**

PVC 8x0.25 gy 0,3m

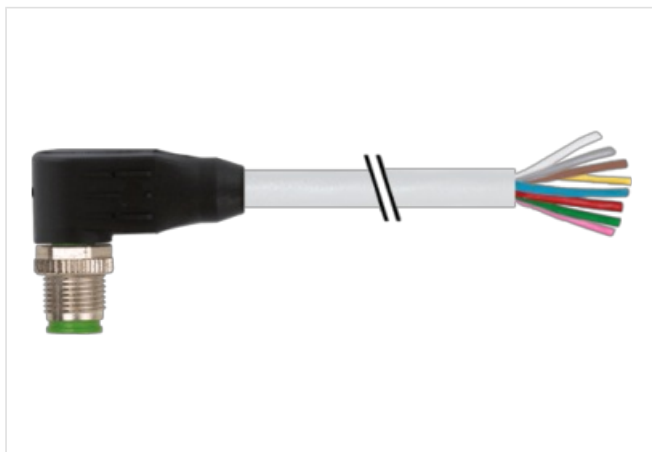
**⚠ NOTICE ⚠****PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male 90°

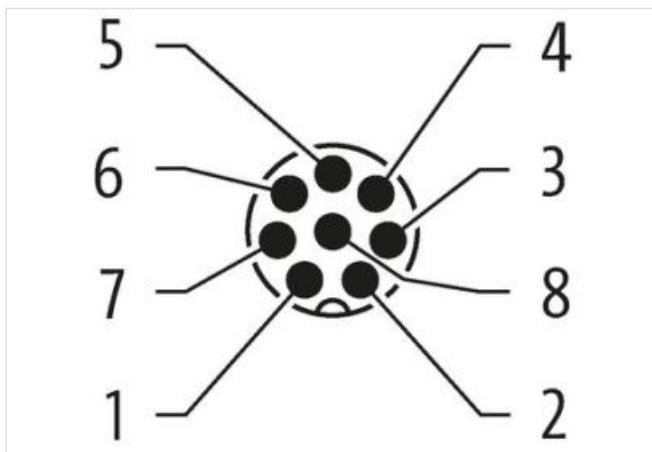
M12, 8-pole

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

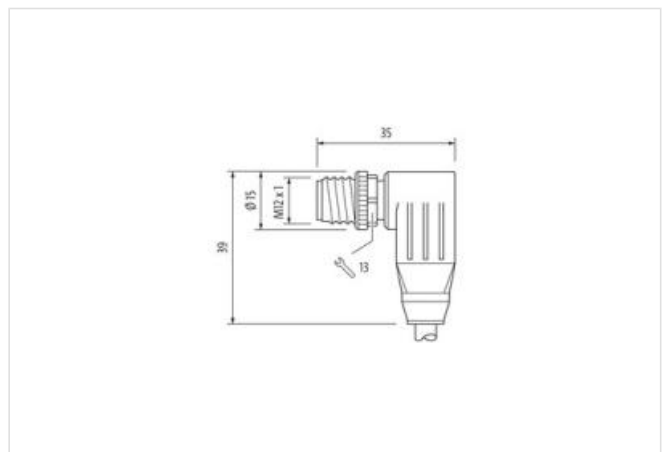
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.[Link to Product](#)**Illustration**

|   |    |
|---|----|
| 1 | WH |
| 2 | BN |
| 3 | GN |
| 4 | YE |
| 5 | GY |
| 6 | PK |
| 7 | BU |
| 8 | RD |



Product may differ from Image



Cable length 0,3 m

#### Side 1

|                          |                   |
|--------------------------|-------------------|
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| Material                 | PUR               |
| Width across flats       | SW13              |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| 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      |
| customs tariff number | 85444290      |
| GTIN                  | 4048879570381 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                           |      |
|---------------------------|------|
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |

#### Installation | Connection

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

#### Device protection | Electrical

|                              |        |
|------------------------------|--------|
| Pollution Degree             | 3      |
| Rated surge voltage          | 0,8 kV |
| Material group (IEC 60664-1) | I      |

#### Mechanical data | Material data

|                           |                  |
|---------------------------|------------------|
| Coating of fitting        | nickel plated    |
| Material screw connection | Zinc die-casting |

#### 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              | 293                                                |
| Jacket Color                      | gray                                               |
| Amount stranding                  | 1                                                  |
| Stranding                         | 8 wires around Core filler twisted                 |
| Filler                            | yes                                                |
| wire arrangement                  | brown, white, red, blue, pink, gray, yellow, green |
| Cable weight                      | 58,3 g/m                                           |
| Material jacket                   | PUR                                                |
| Shore hardness jacket             | 78 ± 3 Shore A                                     |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free   |
| Outer-diameter (jacket)           | 6 mm                                               |
| Tolerance outer diameter (sheath) | ± 5 %                                              |
| Material wire insulation          | PVC                                                |
| Amount wires                      | 8                                                  |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Outer diameter insulation                         | 1,2 mm                                               |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Shore hardness wire insulation                    | 90 ± 3 Shore A                                       |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands (wire)                             | 14                                                   |
| Diameter of single wires                          | 0,15 mm                                              |
| Conductor crosssection (wire)                     | 0,25 mm²                                             |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Nominal voltage AC max.                           | 300 V                                                |
| Max. rated voltage (conductor - conductor)        | 300 V                                                |
| Max. rated voltage (conductor - ground)           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 2 A                                                  |
| Electrical resistance line constant wire          | 78 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                          |
| Min. operating temperature (static)               | -40 °C                                               |
| Max. operating temperature (fixed)                | 70 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 70 °C                                                |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (dynamic)                          | 12 x Outer diameter                                  |