

**M12 male 90° / M8 female 0° A-cod.**

PVC 3x0.25 bk UL/CSA 5m

Male 90° – female straight

M12 – M8, 3-pole

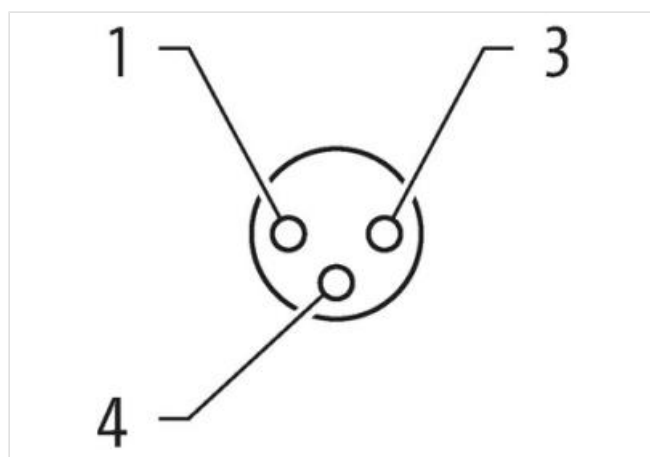
Plastic housings with good resistance against chemicals and oils.

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

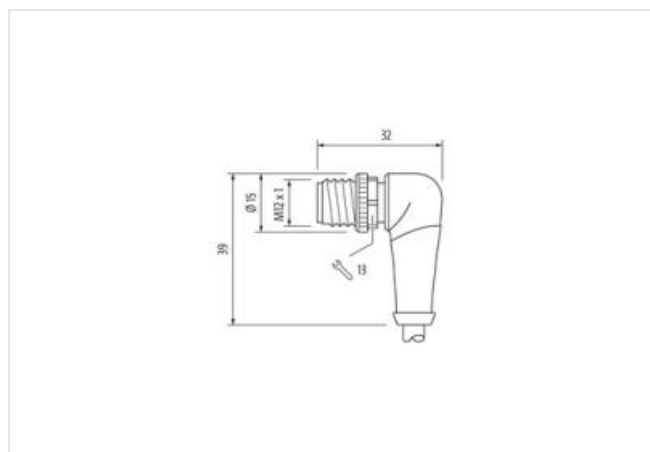
Further cable lengths on request.

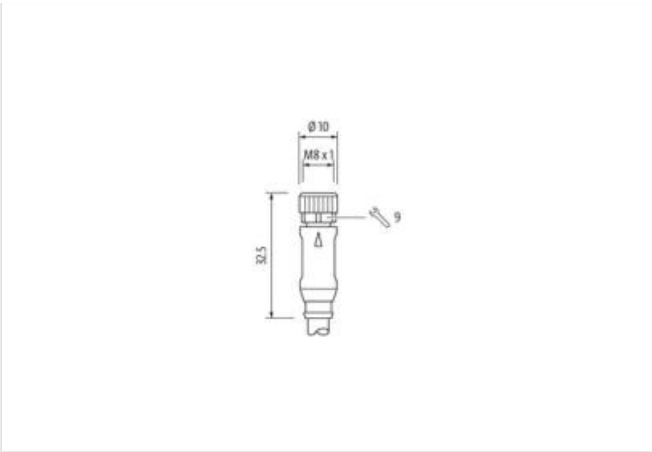
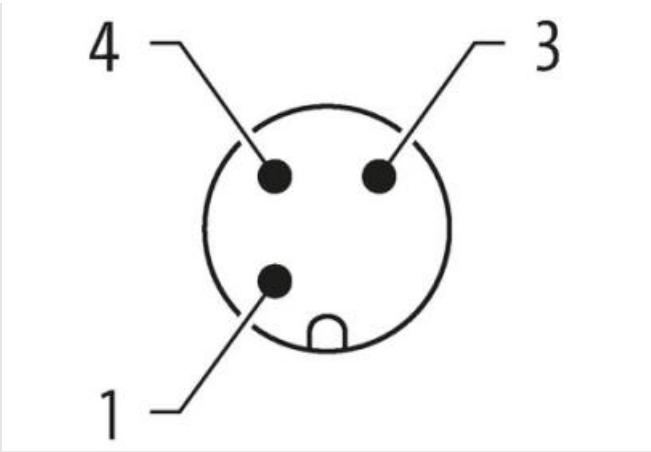
**제품 링크**

**일러스트**



|   |    |   |
|---|----|---|
| 1 | BN | 1 |
|   |    | 2 |
| 3 | BU | 3 |
| 4 | BK | 4 |





실제 제품은 이미지와 다를 수 있습니다.



|                                     |                   |
|-------------------------------------|-------------------|
| Cable length                        | 5 m               |
| Side 1                              |                   |
| Tightening torque                   | 0,6 Nm            |
| Mounting method                     | inserted, screwed |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Material                            | PUR               |
| Width across flats                  | SW13              |
| Degree of protection (EN IEC 60529) | IP66K, IP67       |
| Side 2                              |                   |
| Tightening torque                   | 0,4 Nm            |
| Mounting method                     | inserted, screwed |
| Family construction form            | M8                |
| Thread                              | M8 x 1            |
| Material                            | PUR               |
| Width across flats                  | SW9               |
| Degree of protection (EN IEC 60529) | IP66K, IP67       |
| 제품자료                                |                   |
| 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                                | 4048879327626     |
| 세번부호                                | 85444290          |
| 포장단위                                | 1                 |
| Electrical data   Supply            |                   |
| Operating voltage AC max.           | 250 V             |
| Operating voltage DC max.           | 250 V             |

Current operating per contact max. 4 A

Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage                    | 1,5 kV            |

Mechanical data | Material data

|                           |                  |
|---------------------------|------------------|
| Coating of fitting        | nickel plated    |
| 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                                    | 610                                                 |
| Cable Type                                              | 1                                                   |
| Jacket Color                                            | black                                               |
| Type of Certificate                                     | cURus                                               |
| Amount stranding                                        | 1                                                   |
| Stranding                                               | 3 wires twisted                                     |
| wire arrangement                                        | brown, black, blue                                  |
| Cable weighth                                           | 29,37 g/m                                           |
| Material jacket                                         | PVC                                                 |
| Shore hardness jacket                                   | 85 ± 5 Shore A                                      |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, silicone-free    |
| Outer-diameter (jacket)                                 | 4,5 mm                                              |
| Tolerance outer diameter (sheath)                       | ± 5 %                                               |
| Material wire insulation                                | PVC                                                 |
| Amount wires                                            | 3                                                   |
| Outer diameter insulation                               | 1,25 mm                                             |
| Outer diameter tolerance core insulation                | ± 5 %                                               |
| Shore hardness wire insulation                          | 45 ± 5 Shore D                                      |
| Material properties wire insulation                     | good machinability                                  |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, silicone-free    |
| Amount strands (wire)                                   | 14                                                  |
| Diameter of single wires                                | 0,15 mm                                             |
| Conductor crossection (wire)                            | 0,25 mm²                                            |
| Material conductor wire                                 | Stranded copper wire, bare                          |
| Conductor type (wire)                                   | Strand class 5                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                   |
| Current load capacity min. wire                         | 4,5 A                                               |
| Electrical resistance line constant wire                | 79 Ω/km @ 20 °C                                     |
| Nominal voltage power AC max.                           | 300 V                                               |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s                                         |
| AC withstand voltage power (wire - wire)                | 2 kV @ 60 s                                         |
| Min. operating temperature (static)                     | -30 °C                                              |
| Max. operating temperature (fixed)                      | 80 °C                                               |
| Operating temperature min. (dynamic)                    | -5 °C                                               |
| Operating temperature max. (dynamic)                    | 80 °C                                               |
| UV resistance                                           | DIN EN ISO 4892-2 A                                 |
| Flame resistance                                        | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 |

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| 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                                  |