

# **M12 male 0° / M12 female 0° A-cod. AIDA**

PUR 4x0.34 bk UL/CSA+drag ch. 1m

AIDA conform

Male straight – female straight

M12 – M12, 4-pole

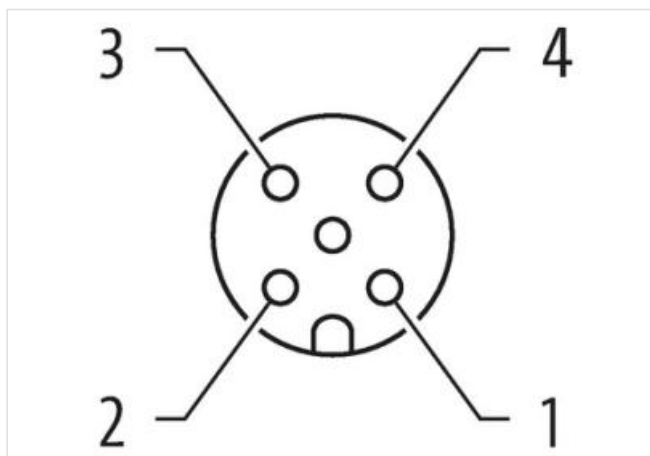
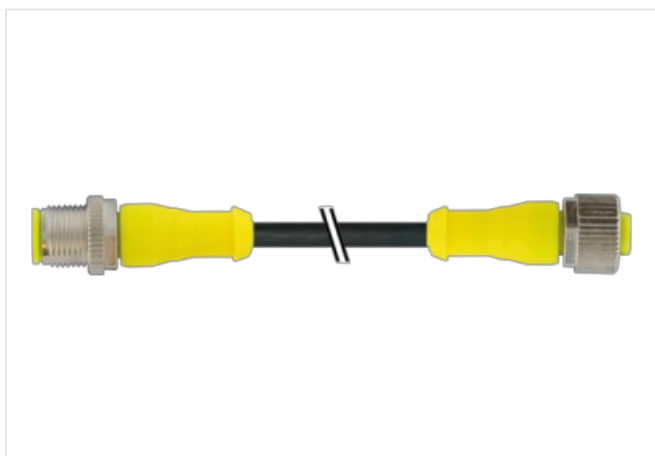
Plastic housings with good resistance against chemicals and oils.

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

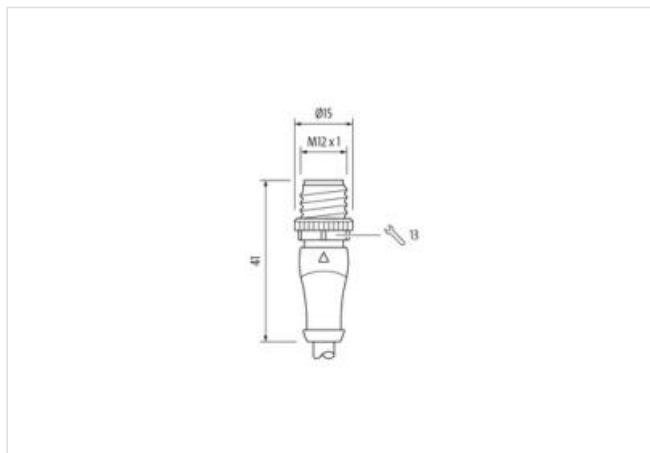
Further cable lengths on request.

## 제품 링크

### 일러스트



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





실제 제품은 이미지와 다를 수 있습니다.



|                                        |                   |
|----------------------------------------|-------------------|
| Cable length                           | 1 m               |
| Side 1                                 |                   |
| Tightening torque                      | 0,6 Nm            |
| Family construction form               | M12               |
| Thread                                 | M12 x 1           |
| Degree of protection (EN IEC 60529)    | IP66K, IP67       |
| Side 2                                 |                   |
| Tightening torque                      | 0,6 Nm            |
| Family construction form               | M12               |
| Thread                                 | M12 x 1           |
| Degree of protection (EN IEC 60529)    | IP66K, IP67       |
| 제품자료                                   |                   |
| 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          |
| GTIN                                   | 4048879483957     |
| 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 |
| Mechanical data   Mounting data        |                   |

| Installation   Cable                              |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Cable identification                              | 634                                                            |
| Cable Type                                        | 3                                                              |
| Jacket Color                                      | black                                                          |
| Type of Certificate                               | cURus                                                          |
| Amount stranding                                  | 1                                                              |
| Stranding                                         | 4 wires twisted                                                |
| wire arrangement                                  | brown, black, blue, white                                      |
| Cable weigth                                      | 36,3 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)                           | 4,5 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 4                                                              |
| 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 mm²                                                       |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| Traversing distance (C-track)                     | 10 m @ 25 °C   horizontal                                      |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 4,8 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   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                                            |

|                                 |                 |
|---------------------------------|-----------------|
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles           | 2 Mio.          |
| Torsion speed                   | 35 cycles/min   |
| Torsion stress                  | ± 180 °/m       |