

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

PUR 4x0.25 gy UL/CSA 1.5m

**⚠ NOTICE ⚠****PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male straight – female 90°

M12 – M8, 4-pole

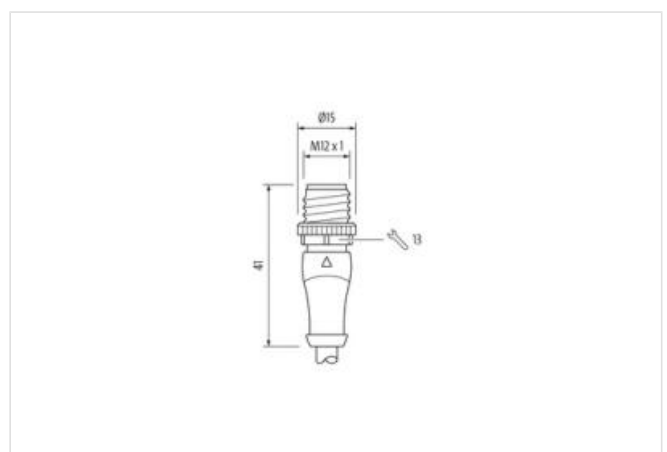
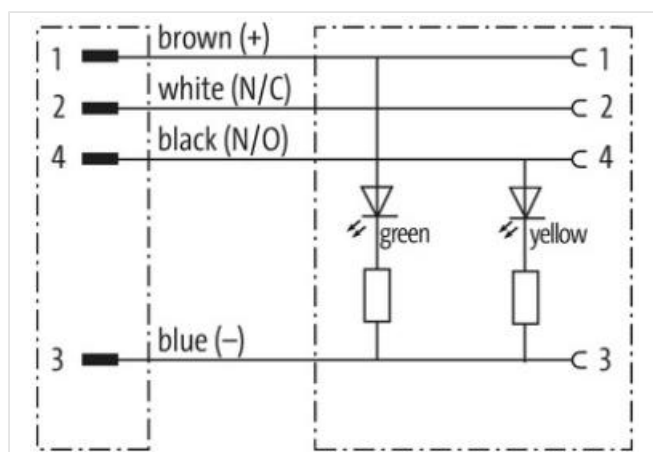
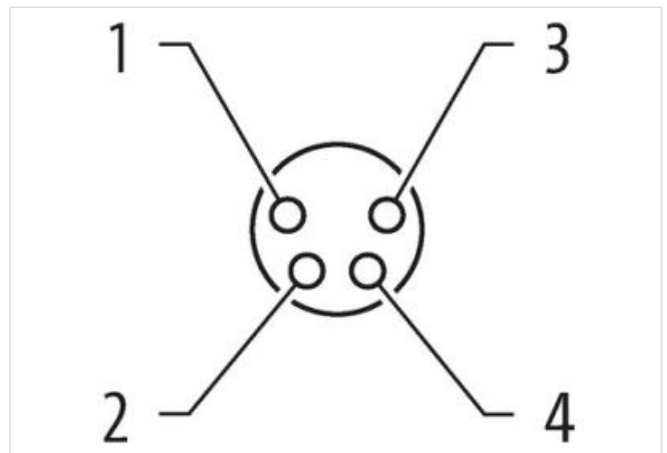
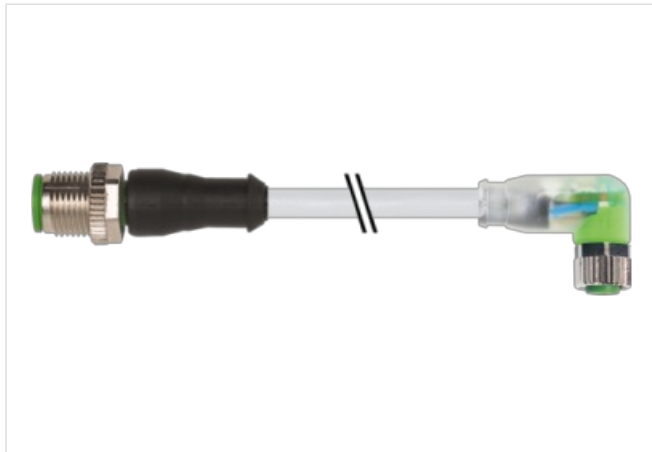
2× LED (PNP), (NPN) on request

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.

[Link naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



|                                           |                    |
|-------------------------------------------|--------------------|
| Cable length                              | 1,5 m              |
| Side 1                                    |                    |
| Tightening torque                         | 0,6 Nm             |
| Mounting method                           | inserted, screwed  |
| Family construction form                  | M12                |
| Thread                                    | M12 x 1            |
| suitable for corrugated tube (internal Ø) | 10 mm              |
| Coding                                    | A                  |
| Material                                  | PUR                |
| Width across flats                        | SW13               |
| Degree of protection (EN IEC 60529)       | IP66K, IP67        |
| Side 2                                    |                    |
| Tightening torque                         | 0,4 Nm             |
| Mounting method                           | inserted, screwing |
| Family construction form                  | M8                 |
| Thread                                    | M8 x 1             |
| suitable for corrugated tube (internal Ø) | 6,5 mm             |
| Coding                                    | A                  |
| Material                                  | PUR                |
| Width across flats                        | SW9                |
| Degree of protection (EN IEC 60529)       | IP66K, IP67        |
| Commerciële gegevens                      |                    |
| 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           |
| Douane tarief nummer                      | 85444290           |

GTIN 4048879550369

Verpakkingseenheid 1

#### Electrical data | Supply

Operating voltage DC 24 V  
 Operating voltage DC min. 18 V  
 Operating voltage DC max. 30 V  
 Operating voltage DC max. (UL-listed) 30 V  
 Current operating per contact max. 4 A

#### Diagnostics

Status indication LED green, yellow

#### 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  
 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. 80 °C  
 Additional condition temperature range depending on cable quality

#### Conformity

Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)

#### Installation | Cable

Cable identification 221  
 Cable Type 2  
 Jacket Color gray  
 Type of Certificate cURus  
 Amount stranding 1  
 Stranding 4 wires twisted  
 wire arrangement brown, black, blue, white  
 No. of bending cycles (C-track) 2 Mio. @ 25 °C  
 Cable weight 32,01 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) 4,6 mm  
 Tolerance outer diameter (sheath) ± 5 %  
 Material wire insulation PVC  
 Amount wires 4  
 Outer diameter insulation 1,25 mm  
 Outer diameter tolerance core insulation ± 5 %  
 Shore hardness wire insulation 43 ± 5 Shore D  
 Material properties wire insulation good machinability  
 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  
 Amount strands (wire) 32

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| Diameter of single wires                                | 0,1 mm                                               |
| Conductor crosssection (wire)                           | 0,25 mm²                                             |
| Material conductor wire                                 | Stranded copper wire, bare                           |
| Conductor type (wire)                                   | strand class 6                                       |
| Traversing distance (C-track)                           | 5 m @ 25 °C   horizontal                             |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                         | 3,6 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                                                |
| Flame resistance                                        | IEC 60332-2-2   UL 1581 § 1090   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)                                  | 10 x Outer diameter                                  |
| Bending radius (dynamic)                                | 15 x Outer diameter                                  |