

**M8 male 90° / M8 female 90° A-cod. snap-in LED**

PVC 3x0.25 bk UL/CSA 1m

Male 90° – female 90°

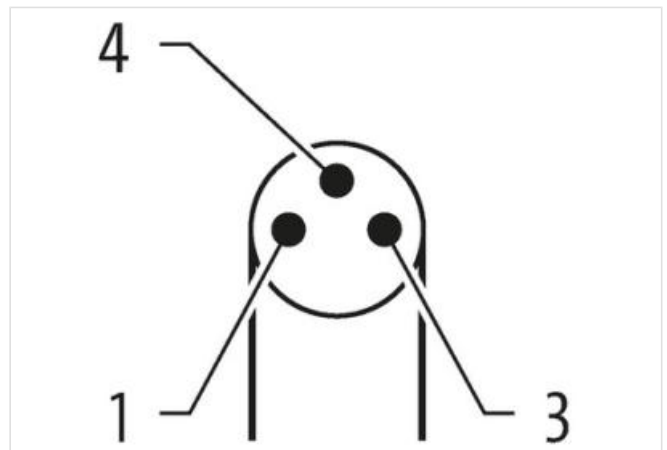
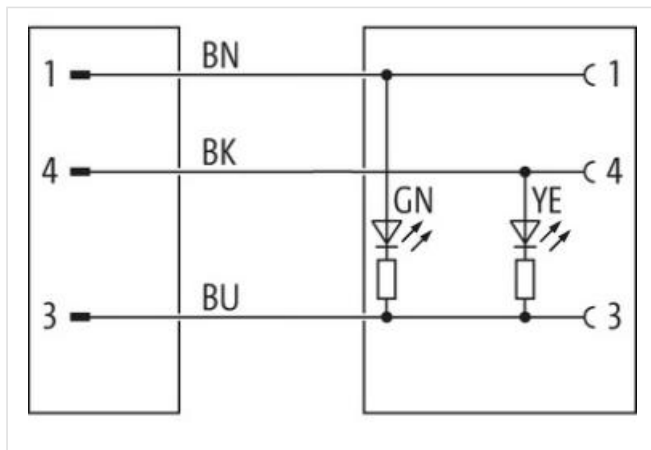
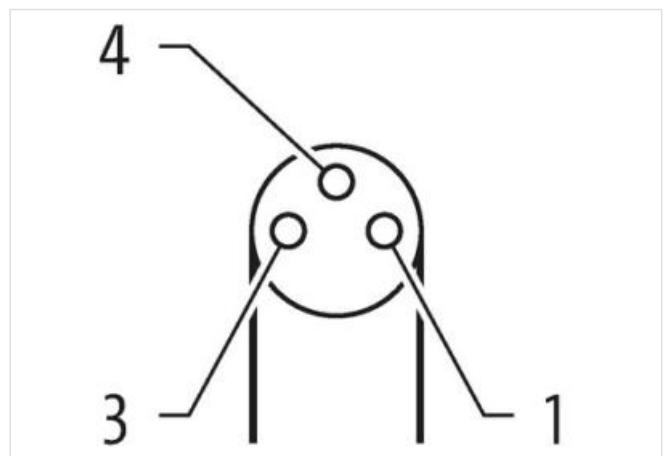
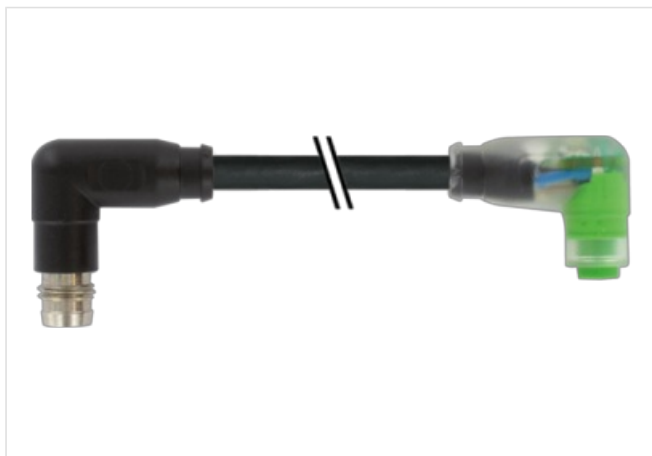
M8 (Snap In) – M8 (Snap In), 3-pole

2× LED (PNP), (NPN) on request

Further cable lengths 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.

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



Product van afwijken van afbeelding



Cable length 1 m

Side 1

Thread M8  
suitable for corrugated tube (internal Ø) 6,5 mm

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

Degree of protection (EN IEC 60529) IP65  
Additional condition protection degree inserted, locked  
Pollution Degree 3  
Rated surge voltage 0,8 kV  
Material group (IEC 60664-1) I

Mechanical data | Material data

Material housing PUR

Mechanical data | Mounting data

Looking techniques Snap In

Environmental characteristics | Climatic

Operating temperature min. -25 °C  
Operating temperature max. 85 °C  
Additional condition temperature range depending on cable quality

Conformity

Product standard DIN EN 61076-2-114 (M8)

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 weigth                                            | 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 crosssection (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                                  |

Commerciële gegevens

|                      |          |
|----------------------|----------|
| Douane tarief nummer | 85444290 |
| Verpakkingseenheid   | 1        |