

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

PUR 3x0.25 ye UL/CSA+robot+drag ch. 0.3m

Male 90° – female 90°

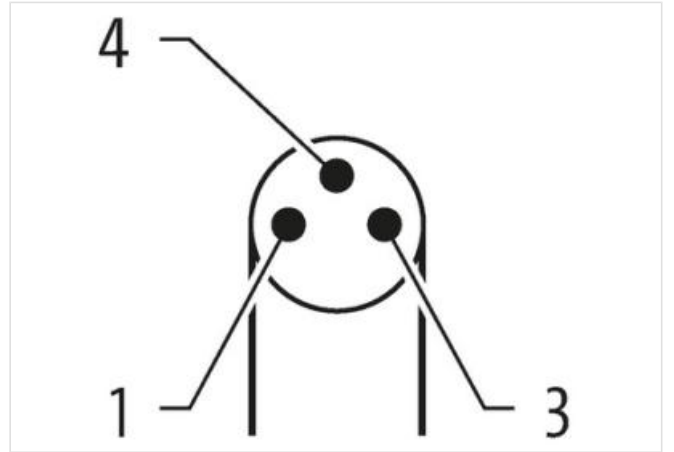
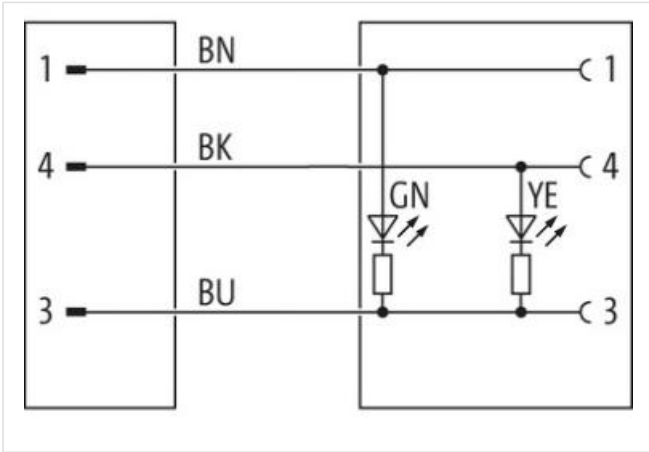
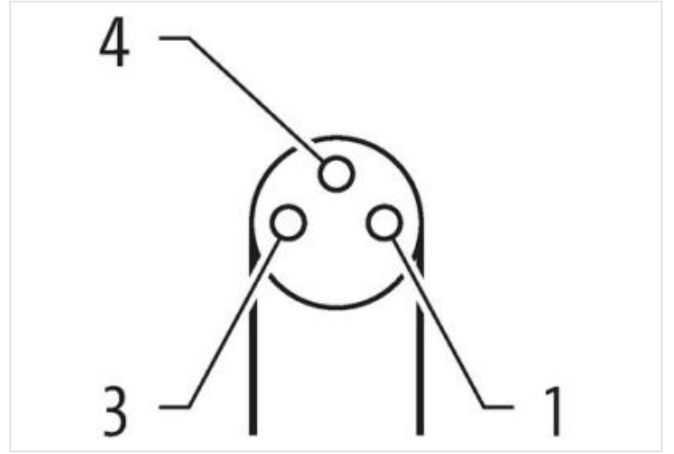
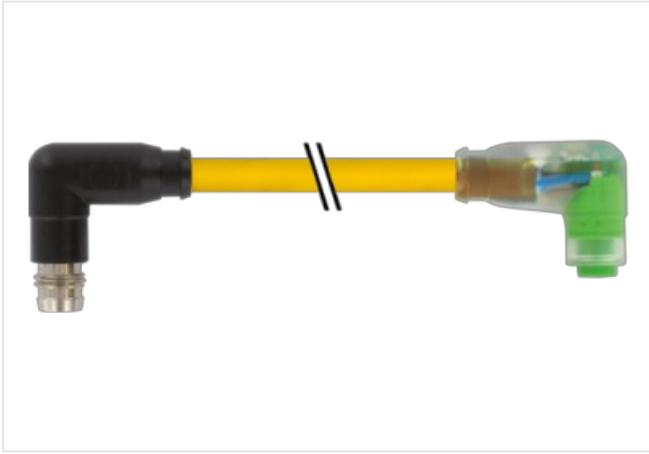
M8 (Snap In) – M8 (Snap In), 3-pole

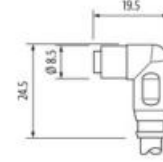
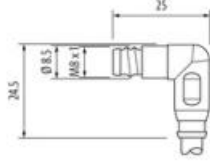
2× LED (PNP), (NPN) on request

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.

**Ürün Linki****örnekleme**



Ürün Image farklı olabilir



Cable length 0,3 m

**Side 1**

Thread M8

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

**Ticari bilgiler**

ECLASS-6.0 27061801

Gümrük tarife no (gtip) 85444290

Paket miktarı 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**

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

**Important installation notes**

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.  
Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalı sınırlıdır. Sürüm: 2024-05-17

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|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

**Conformity**

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

**Installation | Cable**

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Cable identification                              | 050                                                            |
| Cable Type                                        | 5                                                              |
| Jacket Color                                      | yellow                                                         |
| Type of Certificate                               | cURus                                                          |
| Amount stranding                                  | 1                                                              |
| Stranding                                         | 3 wires twisted                                                |
| wire arrangement                                  | brown, black, blue                                             |
| Cable weight                                      | 26,4 g/m                                                       |
| Material jacket                                   | PUR                                                            |
| Shore hardness jacket                             | 58 ± 3 Shore D                                                 |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 4,3 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 3                                                              |
| Outer diameter insulation                         | 1,25 mm                                                        |
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 74 ± 3 Shore D                                                 |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 32                                                             |
| Diameter of single wires                          | 0,1 mm                                                         |
| Conductor crosssection (wire)                     | 0,25 mm <sup>2</sup>                                           |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                                       |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 4,5 A                                                          |
| Electrical resistance line constant wire          | 79 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                              |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                            | 5 x Outer diameter                                             |
| Bending radius (dynamic)                          | 10 x Outer diameter                                            |
| Travel speed (C-track)                            | 10 Mio. @ 25 °C                                                |
| No. of torsion cycles                             | 1 Mio.                                                         |
| Torsion stress                                    | ± 360 °/m                                                      |
| Torsion speed                                     | 35 cycles/min                                                  |