

# **M8 male 0° A-cod. / MSUD valve plug A-18mm**

PUR 3x0.34 gy UL/CSA 0.3m

## **⚠ NOTICE ⚠**

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

MSUD

Further cable lengths on request.

Form A (18 mm)

4-pole

Male M8

straight

3-pole

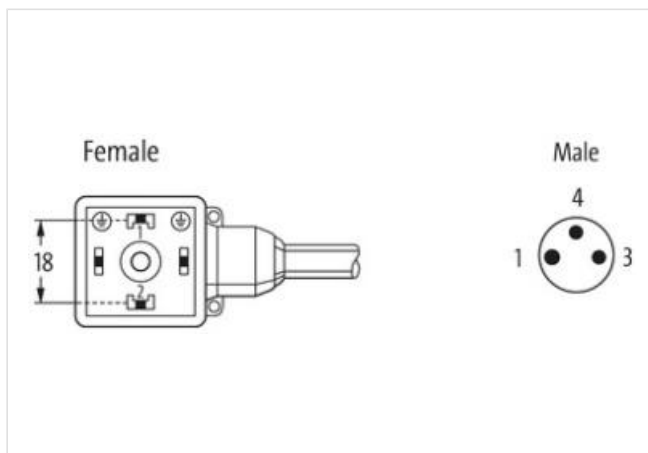
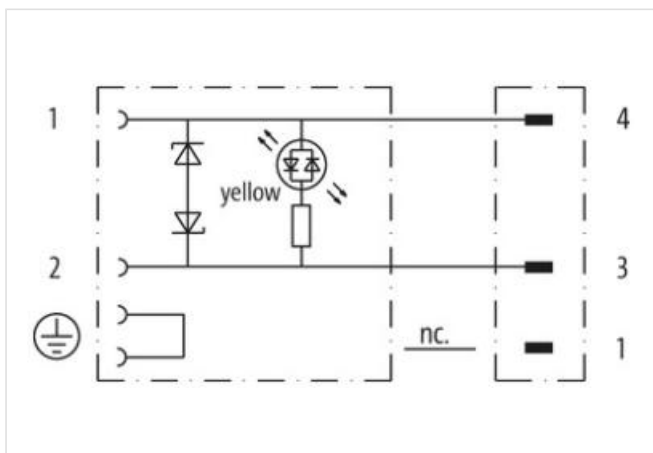
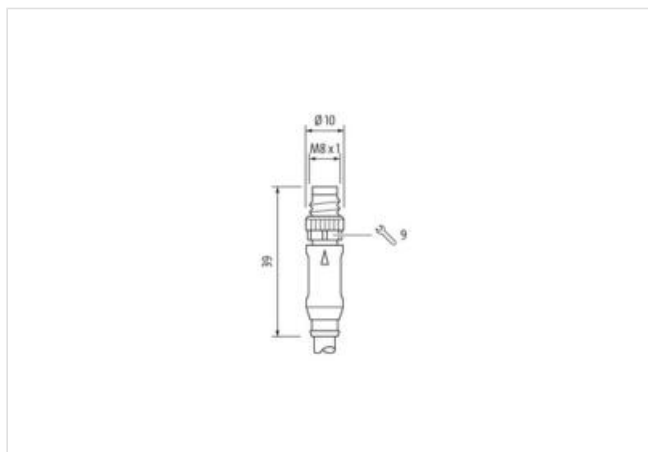
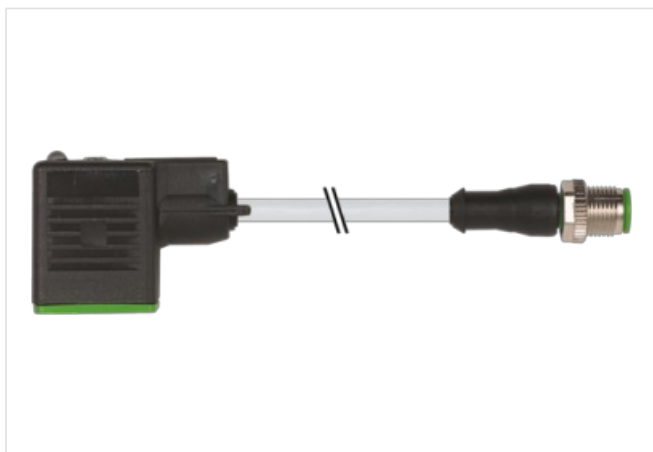
24 V AC  $\pm 20\%$  / DC  $\pm 25\%$

Z-Diode + LED

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

## Linkki tuotteeseen

### Kuvat





Tuote voi erota kuvassa olevasta



|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 0,3 m             |
| Side 1                                    |                   |
| Tightening torque                         | 0,4 Nm            |
| Mounting method                           | inserted, screwed |
| Coating contact                           | silver-plated     |
| Family construction form                  | MSUD              |
| Thread                                    | M3                |
| suitable for corrugated tube (internal Ø) | 6,5 mm            |
| Material contact                          | Copper alloy      |
| Material                                  | PUR               |
| No. of poles                              | 4                 |
| Side 2                                    |                   |
| Tightening torque                         | 0,4 Nm            |
| Mounting method                           | inserted, screwed |
| Coating contact                           | gold plated       |
| Family construction form                  | M8                |
| Thread                                    | M8 x 1            |
| Material contact                          | Copper alloy      |
| Material                                  | PBT               |
| No. of poles                              | 3                 |
| Width across flats                        | SW9               |
| Kaupalliset tiedot                        |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-6.1                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060312          |
| ECLASS-10.1                               | 27060312          |
| ECLASS-11.1                               | 27060312          |
| ECLASS-12.0                               | 27060312          |
| ETIM-5.0                                  | EC001855          |
| GTIN                                      | 4048879713085     |

|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| Pakkauskoko                                     | 1                                          |
| Tullinumero                                     | 85444290                                   |
| <b>Electrical data   Supply</b>                 |                                            |
| Operating voltage AC                            | 24 V                                       |
| Operating voltage AC min.                       | 19,2 V                                     |
| Operating voltage AC max.                       | 28,8 V                                     |
| Operating voltage DC                            | 24 V                                       |
| Operating voltage DC min.                       | 18 V                                       |
| Operating voltage DC max.                       | 30 V                                       |
| Cut-off peak voltage max.                       | 55 V                                       |
| Current operating per contact max.              | 4 A                                        |
| Current consumption max.                        | 15 mA                                      |
| <b>Diagnostics</b>                              |                                            |
| Status indication LED                           | yellow                                     |
| <b>Device protection   Electrical</b>           |                                            |
| Degree of protection (EN IEC 60529)             | IP65, IP67                                 |
| Additional condition protection degree          | inserted, screwed                          |
| Pollution Degree                                | 3                                          |
| Rated surge voltage                             | 0,8 kV                                     |
| Material group (IEC 60664-1)                    | I                                          |
| Additional suppressor                           | Diode, Z-Diode                             |
| <b>Mechanical data   Material data</b>          |                                            |
| Coating locking                                 | Nickeled                                   |
| Color housing                                   | black                                      |
| Material gasket                                 | PUR                                        |
| Material housing                                | Plastic                                    |
| Locking material                                | Zinc die-casting                           |
| <b>Mechanical data   Mounting data</b>          |                                            |
| Mounting method                                 | inserted, screwed                          |
| <b>Environmental characteristics   Climatic</b> |                                            |
| Operating temperature min.                      | -25 °C                                     |
| Operating temperature max.                      | 85 °C                                      |
| Additional condition temperature range          | depending on cable quality                 |
| <b>Conformity</b>                               |                                            |
| Product standard                                | DIN EN 61076-2-114 (M8)                    |
| <b>Cable</b>                                    |                                            |
| Cable identification                            | 223                                        |
| Cable Type                                      | 2 (PUR/PVC)                                |
| Approval (cable)                                | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m]                              | 35,97 g                                    |
| Material wire                                   | Cu wire, bare                              |
| Resistor (core)                                 | max. 57 Ω/km (20 °C)                       |
| Single wire Ø (core)                            | 0.1 mm                                     |
| Construction (core)                             | 42× 0.1 mm (multi-strand wire class 6)     |
| Diameter (core)                                 | 3× 0.34 mm <sup>2</sup>                    |
| AWG                                             | similar to AWG 22                          |
| Material wire isolation                         | PVC                                        |
| Material property wire insulation               | CFC-, cadmium-, silicone- and lead-free    |
| Shore hardness wire isolation                   | 43 ±5 D                                    |
| Wire-Ø incl. isolation                          | 1.25 mm ±5%                                |
| Color/numbering of wires                        | br, bk, bl                                 |

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stranding combination           | 3 wires twisted                                                                                                                                        |
| Shield                          | no                                                                                                                                                     |
| Material jacket                 | PUR/PVC                                                                                                                                                |
| Material property (jacket)      | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness jacket           | 80 $\pm$ 5 A (PVC-under jacket); 85 $\pm$ 5 A (PUR-jacket)                                                                                             |
| Outer-Ø (jacket)                | 4.3 mm $\pm$ 5%                                                                                                                                        |
| Color jacket                    | gray                                                                                                                                                   |
| chemical resistance             | good resistance to oil, gasoline and chemicals                                                                                                         |
| Nominal voltage                 | UL 300 V AC                                                                                                                                            |
| Test voltage                    | 2000 V AC                                                                                                                                              |
| Current load capacity           | to DIN VDE 0298-4                                                                                                                                      |
| Temperature range (fixed)       | -30...+80 °C                                                                                                                                           |
| Temperature range (mobile)      | -5...+80 °C                                                                                                                                            |
| Bending radius (fixed)          | 10× outer Ø                                                                                                                                            |
| Bending radius (dynamic)        | 15× outer Ø                                                                                                                                            |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C)                                                                                                                                    |
| Travel speed (C-track)          | max. 3.3 m/s                                                                                                                                           |
| Acceleration (C-track)          | max. 5 m/s <sup>2</sup>                                                                                                                                |