

## M8 male 90° A-cod./ MSUD valve plug CI-9.4mm small

PVC 3x0.34 ye UL/CSA 1m

### MSUD

Plastic housings with good resistance against chemicals and oils.

Form CI (9.4 mm)

Male M8

90°

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

4-pole

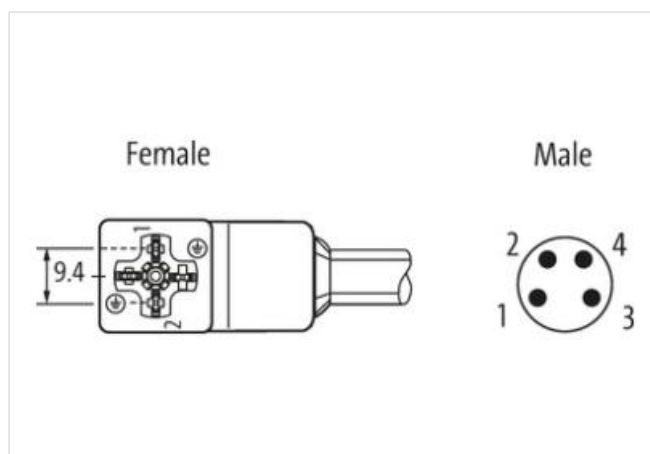
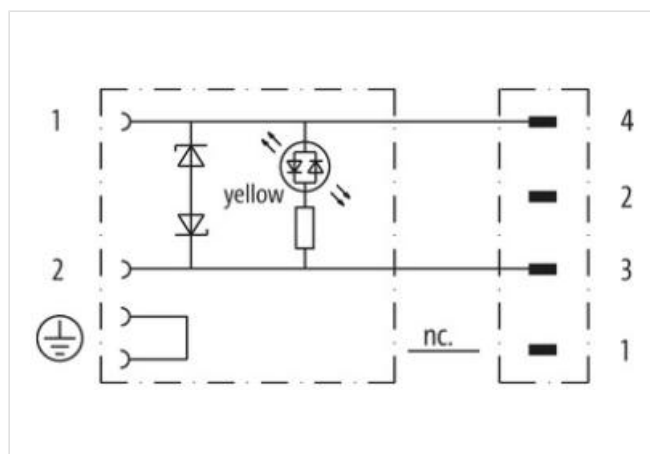
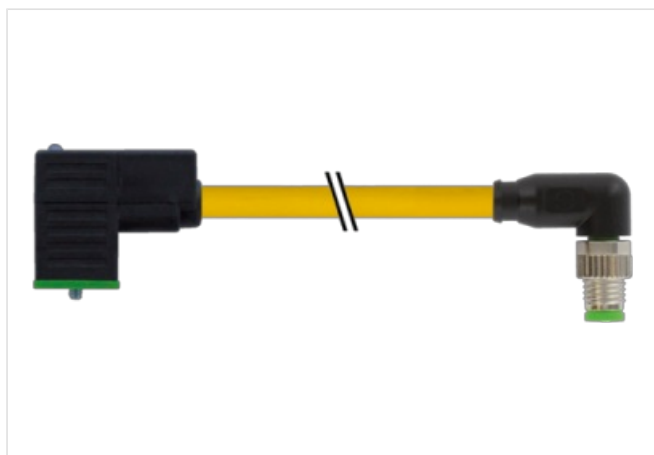
Z-Diode + LED

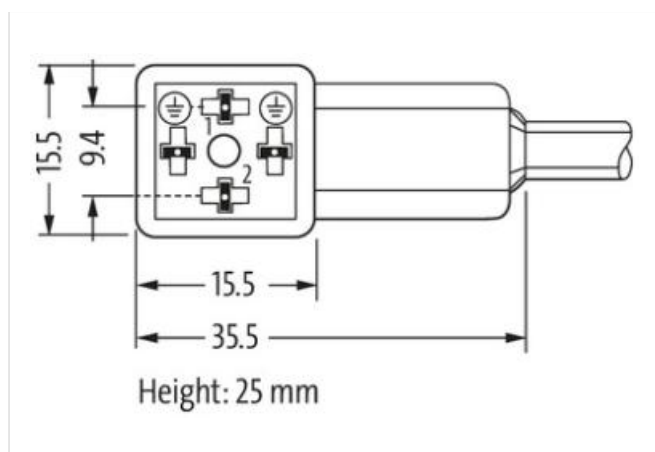
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

### [Link til produkt](#)

#### Illustrasjon





Produktet kan avvike fra bildet

|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 1 m               |
| <b>Side 1</b>                             |                   |
| 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                 |
| <b>Side 2</b>                             |                   |
| 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                              | 4                 |
| Width across flats                        | SW9               |
| <b>Handelsinformasjon</b>                 |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060311          |
| ECLASS-10.1                               | 27060312          |
| ECLASS-11.1                               | 27060312          |
| ECLASS-12.0                               | 27060312          |
| ETIM-5.0                                  | EC001855          |
| GTIN                                      | 4048879118729     |
| Pakkestørrelse                            | 1                 |
| Tolltariffnummer                          | 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            |

Opplysningene i dette databladet er utarbeidet med størst mulig omhu.  
All informasjon gis uten ansvar for eventuelle feil og mangler. 21.05.2024

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|                                    |       |
|------------------------------------|-------|
| 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 |

**Diagnostics**

|                       |        |
|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| 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    |

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Coating locking  | Nickeled         |
| Color housing    | black            |
| Material gasket  | PUR              |
| Material housing | Plastic          |
| Locking material | Zinc die-casting |

**Mechanical data | Mounting data**

|                 |                   |
|-----------------|-------------------|
| Mounting method | inserted, screwed |
|-----------------|-------------------|

**Environmental characteristics | Climatic**

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

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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**

|                                   |                                                  |
|-----------------------------------|--------------------------------------------------|
| wire arrangement                  | brown, black, blue                               |
| Cable identification              | 013                                              |
| Cable Type                        | 1                                                |
| Jacket Color                      | yellow                                           |
| Type of Certificate               | cURus                                            |
| Amount stranding                  | 1                                                |
| Stranding                         | 3 wires twisted                                  |
| wire arrangement                  | brown, black, blue                               |
| Cable weight                      | 34,1 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)           | 4,6 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)                             | 19                                                   |
| Diameter of single wires                          | 0,15 mm                                              |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                 |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Nominal voltage AC max.                           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 6 A                                                  |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 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                                  | 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                                  |