

M8 male 90° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.34 ye UL/CSA+drag ch. 2m

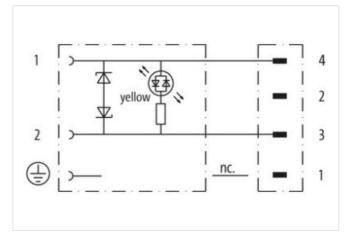
MSUD
Further cable lengths on request.
Form BI (11 mm)
3-pole
Male M8
90°
4-pole
24 V AC ±20% / DC ±25%
Z-Diode + LED

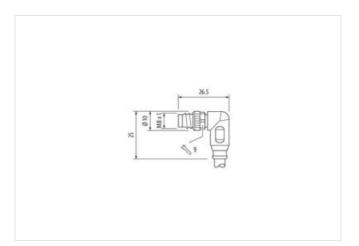
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

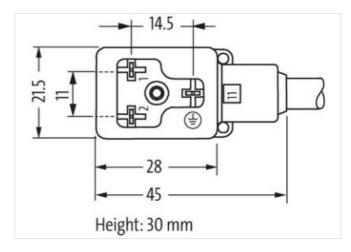
Link to Product

Illustration

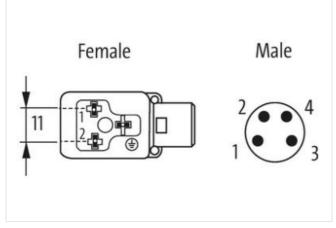












Product may differ from Image



| Cable length | 2 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 | 3 |
| 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 | 4 |
| Width across flats | SW9 |
| Commercial data | |
| 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 |
| customs tariff number | 85444290 |
| GTIN | 4048879116145 |
| Packaging unit | 1 |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18



stay connected

| Electrical data Supply | |
|---|---|
| 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 |
| Diagnostics | |
| | valleu |
| 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) | |
| Additional suppressor | Diode, Z-Diode |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Color housing | black |
| Material gasket | PUR |
| Material housing | Plastic |
| _ocking material | Zinc die-casting |
| Mechanical data Mounting data | |
| | Secretar de consensat |
| Mounting method | inserted, screwed |
| Environmental characteristics Climatic | |
| | |
| Operating temperature min. | -25 °C |
| Operating temperature min. Operating temperature max. | -25 °C 85 °C |
| · · · · · · · · · · · · · · · · · · · | |
| Operating temperature max. | 85 °C |
| Operating temperature max. Additional condition temperature range Important installation notes | 85 °C depending on cable quality |
| Operating temperature max. Additional condition temperature range | 85 °C |
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| Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket | 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 033 3 yellow cURus 1 3 wires twisted brown, black, blue 29,7 g/m PUR 90 ± 5 Shore A |
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| Material wire insulation | PP |
|---|--|
| Amount wires | 3 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| 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) | 2,5 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 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 |
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |