**M12 male 0° A-cod. / MSUD valve plug CI-9.4mm**

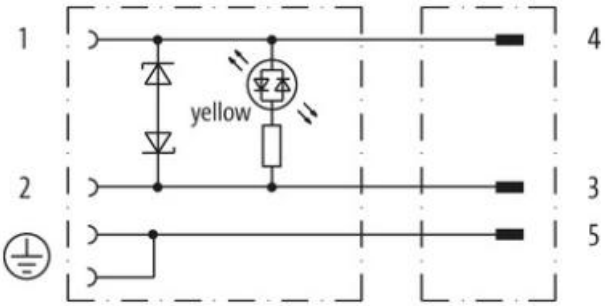
PVC 3x0.75 bk 2m

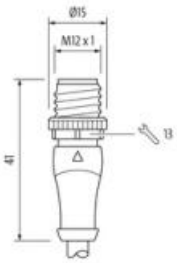
MSUD
Form CI (9.4 mm) – M12, male straight
24 V AC ±20% / DC ±25%
LED and suppression
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

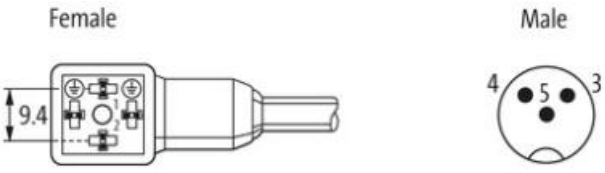
## Link to Product

**Illustration**

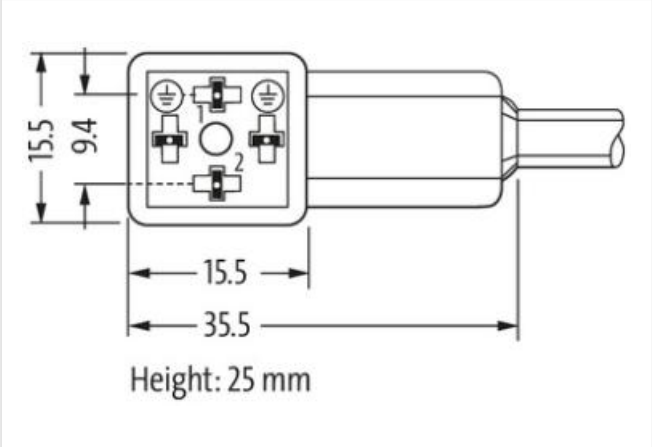





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Product may differ from Image

| | |
|---|---|
| Cable length | 2 m |
| **Side 1** | |
| Tightening torque | 0,4 Nm |
| Thread | M3 |
| Degree of protection (EN IEC 60529) | IP67 |
| **Side 2** | |
| Tightening torque | 0,6 Nm |
| Thread | M12 x 1 |
| Degree of protection (EN IEC 60529) | IP67 |
| **Commercial data** | |
| 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 |
| customs tariff number | 85444290 |
| GTIN | 4048879146760 |
| Packaging unit | 1 |
| **Electrical data** | |
| Capacity CX | 20 ms |
| **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 |

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MURR ELEKTRONIK
stay connected

| | |
|---|---|
| Cut-off peak voltage max. | 55 V |
| Current operating per contact max. | 4 A |
| **Device protection \| Electrical** | |
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage | 0,8 kV |
| **Mechanical data \| Material data** | |
| Color housing | black |
| Material housing | Plastic |
| **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 |
| **Installation \| Cable** | |
| Cable identification | 616 |
| Cable Type | 1 |
| Printing color of wire insulation | white (isolation black) |
| Jacket Color | black |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | black 1, black 2, green-yellow |
| Cable weigth | 61,6 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 80 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| Amount wires | 3 |
| Outer diameter insulation | 1,8 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 43 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Printing color of wire insulation | white (isolation black) |
| Amount strands (wire) | 24 |
| Diameter of single wires | 0,2 mm |
| Conductor crosssection (wire) | 0,75 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 | 12 A |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| Max. rated voltage power (conductor - ground) | 300 V |
| Max. rated voltage power (conductor - conductor) | 500 V |
| Power frequency withstand voltage power (wire - jacket) | 3 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 3 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 70 °C |
| Operating temperature min. (dynamic) | -5 °C |

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| | |
|---|---|
| Operating temperature max. (dynamic) | 70 °C |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1100 FT2 \| IEC 60332-2-2 \| UL 1581 § 1090 |
| 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 |

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