

M12 male 0° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.75 gy UL/CSA+drag ch. 7.5m

MSUD

Form BI (11 mm) - M12, male straight 24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

Further cable lengths on request.

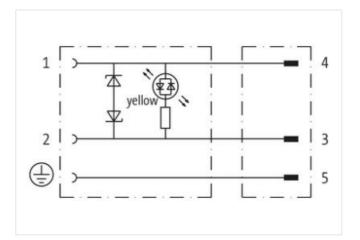
Plastic housings with good resistance against chemicals and oils.

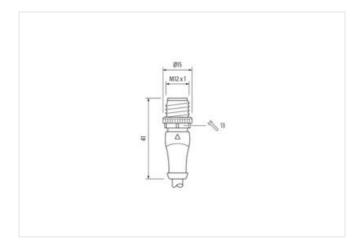
The resistance to aggressive media should be individually tested for your application. Further details on request.

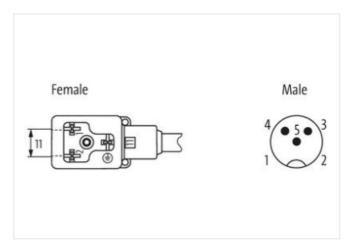
Link to Product

Illustration



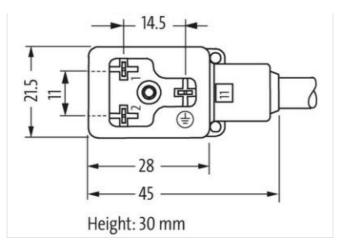








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Product may differ from Image



| | 7,5 m |
|---|--|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Family construction form | MSUD |
| Thread | M3 |
| No. of poles | 3 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal \emptyset) | 10 mm |
| Coding | A |
| No. of poles | 3 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| EULA33-0.1 | 27273210 |
| ECLASS-7.0 | 27279218 |
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| ECLASS-7.0 | 27279218 |
| ECLASS-7.0 ECLASS-8.0 | 27279218 27279218 |
| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 | 27279218 27279218 27060312 27060312 27060312 |
| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 | 27279218 27279218 27060312 27060312 |
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| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 | 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 |
| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN | 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 |
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| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN | 27279218 27260312 27060312 27060312 27060312 EC001855 85444290 4048879148986 |
| ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN Packaging unit | 27279218 27260312 27060312 27060312 27060312 EC001855 85444290 4048879148986 |



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| 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 |
| Diagnostics | |
| Status indication LED | yellow |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| 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 |
| 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 | Attention: 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 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker) |
| Installation Cable | |
| Cable identification | 236 |
| Cable Type | 3 |
| Printing color of wire insulation | white (isolation black) |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | black 1, black 2, green-yellow |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Cable weigth | 56,1 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| | |
| | - |
| Outer-diameter (jacket) | 5,9 mm |
| Outer-diameter (jacket) Tolerance outer diameter (sheath) | 5,9 mm ± 5 % |
| Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation | 5,9 mm ± 5 % PP |
| Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires | 5,9 mm ± 5 % PP 3 |
| Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation | 5,9 mm ± 5 % PP 3 1,85 mm |
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| Printing color of wire insulation | white (isolation black) |
|---|--|
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,75 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 300 V |
| 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 |
| 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 | 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 | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |