

M12 male 0° A-cod. / MSUD valve plug A-18mm

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

Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded

Further cable lengths on request.

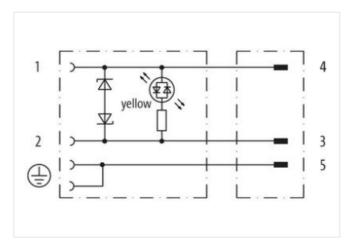
Plastic housings with good resistance against chemicals and oils.

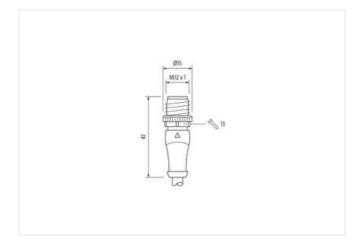
The resistance to aggressive media should be individually tested for your application. Further details on request.

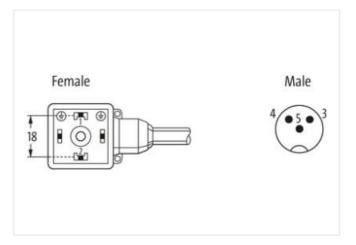
Link to Product

Illustration



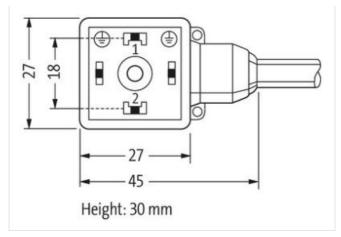








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Product may differ from Image









| Cable length | 3 m |
|---|---------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Family construction form | M12 |
| Thread | M3 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Material | PUR |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Thread | M12 x 1 |
| Material | PBT |
| Degree of protection (EN IEC 60529) | IP67 |
| 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 | 4048879152006 |
| 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 |
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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: 2024-05-08



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| Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Shore hardness jacket | 90 ± 5 Shore A |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 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 | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 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 | Outer-diameter (jacket) | 5,9 mm |
| Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 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 | Tolerance outer diameter (sheath) | ±5% |
| Outer diameter insulation 1,85 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 | Material wire insulation | PP |
| 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 wires | 3 |
| Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Outer diameter insulation | 1,85 mm |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Outer diameter tolerance core insulation | ±5% |
| | Shore hardness wire insulation | 70 ± 5 Shore D |
| Printing color of wire insulation white (isolation black) | Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| | Printing color of wire inculation | white (isolation black) |

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: 2024-05-08



| 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 |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 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 |
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |