

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

PUR 5x0.34 bk UL/CSA+drag ch. 0.3m

Form A (18 mm) – M12, male straight 24 V DC ±25% LED (red/green) for pressure switches

Further cable lengths on request.

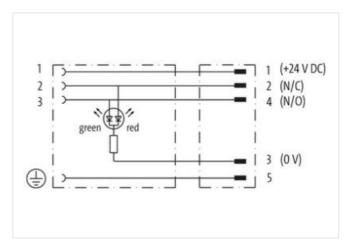
Plastic housings with good resistance against chemicals and oils.

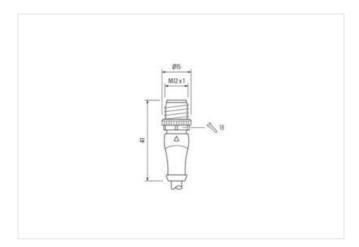
The resistance to aggressive media should be individually tested for your application. Further details on request.

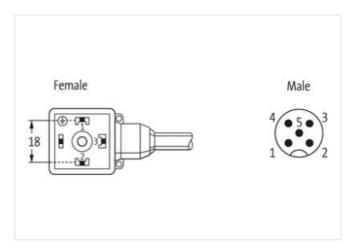
Link to Product

Illustration



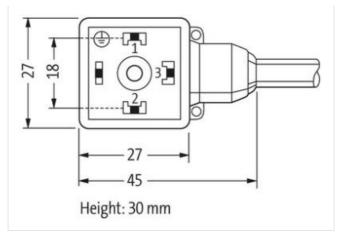








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Product may differ from Image









| Side 1 Tightening torque 0,4 Nm Family construction form MSUD | |
|---|--|
| Family construction form MSUD | |
| | |
| | |
| Thread M3 | |
| Degree of protection (EN IEC 60529) IP67 | |
| Side 2 | |
| Tightening torque 0,6 Nm | |
| Family construction form M12 | |
| Thread M12 x 1 | |
| Width across flats SW13 | |
| 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 4048879150422 | |
| Packaging unit 1 | |
| Electrical data Supply | |
| Operating voltage DC 24 V | |
| Operating voltage DC min. 18 V | |
| Operating voltage DC max. 30 V | |
| Current operating per contact max. 4 A | |
| Device protection Electrical | |
| Additional condition protection degree inserted, screwed | |
| Pollution Degree 3 | |

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



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| Rated surge voltage | 0,8 kV |
|--|---|
| Mechanical data Material data | |
| Color housing | black |
| Material housing | Plastic |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed |
| | inscribu, sofewed |
| 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 | \(\frac{1}{2}\) |
| · | 625 |
| Cable identification | 635 |
| Cable Type Jacket Color | 3 black |
| | cURus |
| Гуре of Certificate Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Filler | yes |
| wire arrangement | brown, black, blue, white, green-yellow |
| Cable weigth | 41,8 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) | 4,8 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| ngredient 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 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Fraversing 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 | 4,5 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 - acket) | 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 | UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 |
| 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 |