

M12 male on top A-cod. / MSUD double valve A-18mm

PUR 3x0.75 bk UL/CSA 0m

Form A (18 mm) - M12, connector top entry 24 V AC/DC, M12 (4-pole) LED and suppression Connection cable L = 100 mm

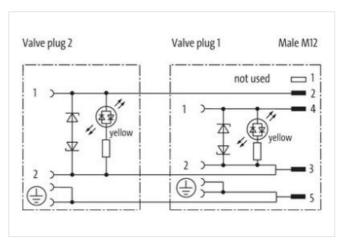
Plastic housings with good resistance against chemicals and oils.

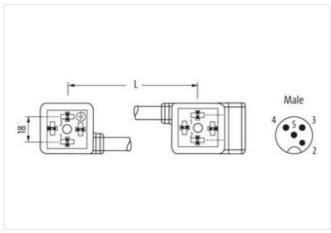
The resistance to aggressive media should be individually tested for your application. Further details on request.

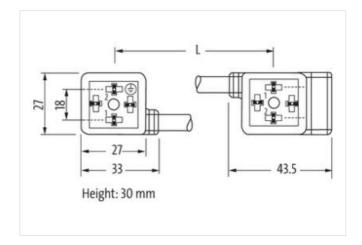
Link to Product

Illustration









Product may differ from Image



| Side 1 | | |
|-------------------|--------|--|
| Tightening torque | 0,4 Nm | |
| Thread | M3 | |
| Side 2 | | |



stay connected

| Tightening torque | 0,4 Nm | |
|--|---|--|
| Thread | M3 | |
| Commercial data | | |
| ECLASS-6.0 | 27143423 | |
| 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 | 4048879144513 | |
| 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 | |
| Cut-off peak voltage max. | 55 V | |
| Current operating per contact max. | 4 A | |
| Diagnostics | | |
| Status indication LED | yellow | |
| Device protection Electrical | | |
| Degree of protection (EN IEC 60529) | IP67 | |
| Additional condition protection degree | inserted, screwed | |
| Pollution Degree | 3 | |
| Rated surge voltage | 0,8 kV | |
| Material group (IEC 60664-1) | | |
| Mechanical data Material data | | |
| Color housing | black | |
| Material housing | Plastic | |
| | i iasiic | |
| 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. | |
| Installation Cable | | |
| Cable identification | 626 | |
| Cable Type | 2 | |

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: 2024-05-17



| stav | connected |
|------|-----------|
| | |

| Printing color of wire insulation | white (isolation black) |
|---|--|
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | black 1, black 2, green-yellow |
| Cable weigth | 55,33 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 ± 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 inner jacket | PVC |
| 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 |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Printing color of wire insulation | white (isolation black) |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,75 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| 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 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 |
| Bending radius (fixed) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |
| Travel speed (C-track) | 2 Mio. @ 25 °C |