

Y-Distributor M12 / MSUD valve plug A-18mm

PUR 3x0.75 gy UL/CSA 2m

Y connector

Plastic housings with good resistance against chemicals and oils.

Further cable lengths on request.

Male straight – male 90°

M12, 4-pole

A-coded

MSUD

Form A (18 mm)

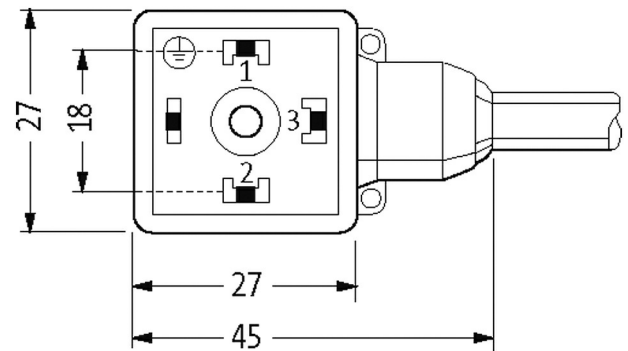
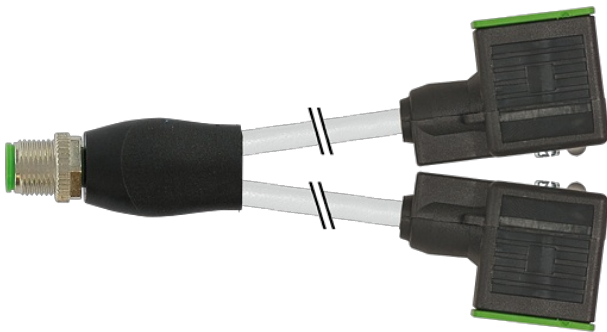
LED (yellow)

Diode/Z-Diode

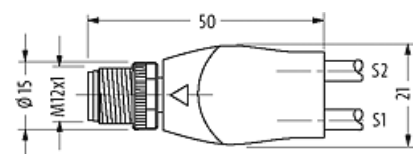
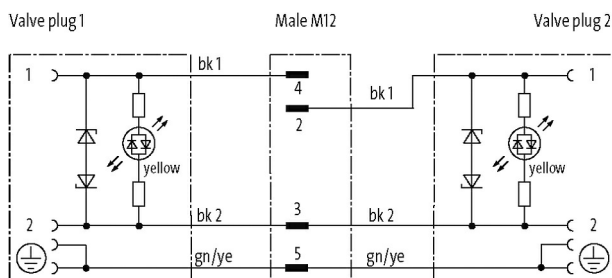
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

[Link to Product](#)

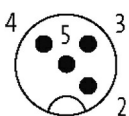
Illustration



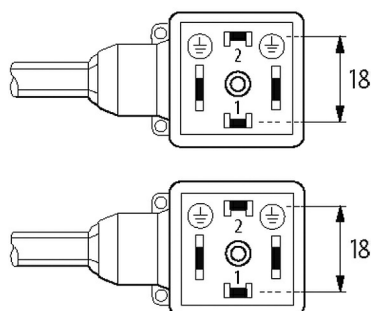
Height: 30 mm



Male



Male



Product may differ from Image



| Form | |
|--|--|
| Form | 42401 |
| Technical Data | |
| Operating voltage | 24 V AC $\pm 20\%$ / DC $\pm 25\%$ |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 4 A |
| No. of poles | 4 |
| Current consumption | 15 mA |
| Material group | IEC 60664-1, category I |
| Switch off peak | max. 55 V |
| Coding | A-coded |
| LED display | yellow |
| Locking of ports | M3/M12 \times 1 mm (recommended torque 0.4/0.6 Nm) |
| Compression gland | M12 (SW13) |
| Protection | IP67 inserted and tightened (EN 60529) |
| Material | MSUD (PBT); M12 (PUR) |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal \emptyset) | without |
| Additional suppressor | Diode/Z-Diode |
| General data | |
| Standards | DIN EN 61076-2-101 (M12) |
| Mounting method | inserted, tightened |
| Material (contact) | Copper alloy |
| Material (contact surface) | MSUD (Ag); M12(Au) |
| Material (gasket) | PUR |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| No./diameter of wires | 3 \times 0.75 mm ² |
| Wire isolation | PVC (bk num, gnye) |
| C-track properties | 2 Mio. |
| Material (jacket) | PUR/PVC (UL/CSA) |
| Outer \emptyset | 5.9 mm $\pm 5\%$ |
| Bend radius (moving) | 15 \times outer \emptyset |
| Temperature range (fixed) | -30...+80 °C |
| Temperature range (mobile) | -5...+80 °C |
| Cable identification | 226 |
| Cable Type | 2 (PUR/PVC) |
| Approval (cable) | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m] | 55,33 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 26 Ω /km (20 °C) |
| Single wire \emptyset (core) | 0.15 mm |
| Construction (core) | 42 \times 0.15 mm (multi-strand wire class 6) |
| Diameter (core) | 3 \times 0.75 mm ² |
| AWG | similar to AWG 18 |
| Material (wire isolation) | PVC |

| | |
|------------------------------------|--|
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 43 ±5 D |
| Wire-Ø incl. isolation | 1.8 mm ±5% |
| Color/numbering of wires | bk numbered, gnye longitudinally striped |
| Stranding combination | 3 wires twisted |
| Shield | no |
| Material (jacket) | PUR/PVC |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket) | 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) |
| Outer-Ø (jacket) | 5.9 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| Nominal voltage | UL 300 V AC |
| Test voltage | 2000 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -30...+80 °C |
| Temperature range (mobile) | -5...+80 °C |
| Bend radius (fixed) | 10× outer Ø |
| Bend radius (moving) | 15× outer Ø |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C) |
| Traversing distance (C-track) | max. 5 m (horizontal) |
| Travel speed (C-track) | max. 3.3 m/s |
| Acceleration (C-track) | max. 5 m/s ² |
| Jacket Color | gray |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | CZ |
| customs tariff number | 85444290 |
| EAN | 4048879372800 |
| eClass | 27143423 |
| Packaging unit | 1 |