

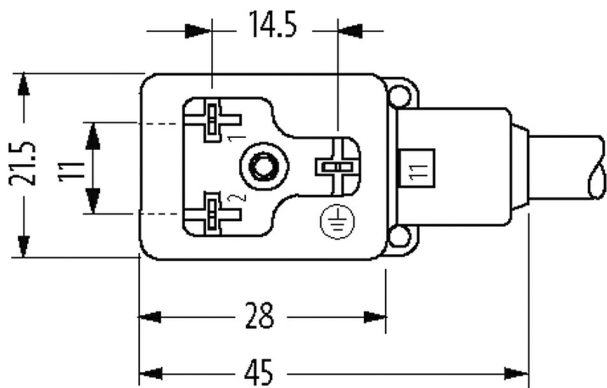
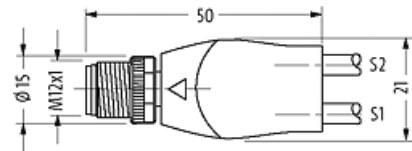
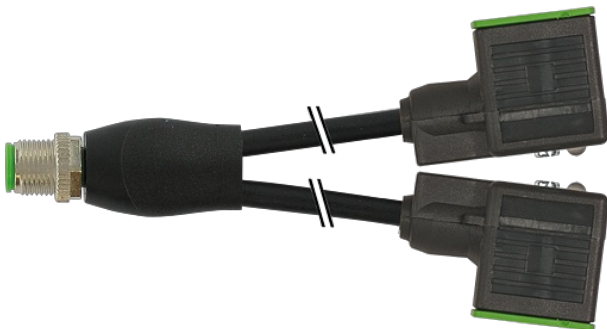
Y-Distributor M12 / MSUD valve plug BI-11mm

PUR 3x0.75 bk UL/CSA+drag ch. 0.6m

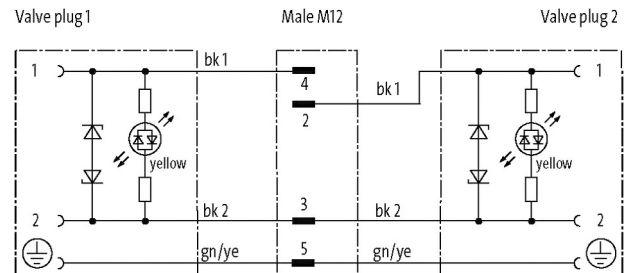
Y connector
 Plastic housings with good resistance against chemicals and oils.
 Further cable lengths on request.
 Male straight – male 90°
 M12, 4-pole
 A-coded
 MSUD
 Form BI (11 mm)
 LED (yellow)
 Diode/Z-Diode
 Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

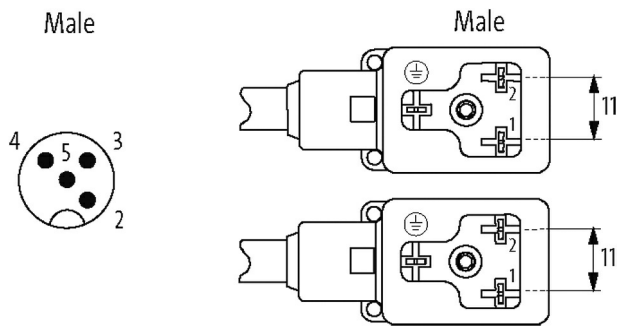
[Link to Product](#)

Illustration



Height: 30 mm





Product may differ from Image

**Form**

Form 42421

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 | MSUD (3); M12 (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 \varnothing) | 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 | PP (bk num, gnye) |
| C-track properties | 10 Mio. |
| Material (jacket) | PUR (UL/CSA) |
| Outer \varnothing | 5.9 mm $\pm 5\%$ |
| Bend radius (moving) | 10 \times outer \varnothing |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -25...+80 °C |

| | |
|-------------------------------------|--|
| Cable identification | 636 |
| Cable Type | 3 (PUR) |
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 56,10 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 26 Ω /km (20 °C) |
| Single wire \varnothing (core) | 0.15 mm |
| Construction (core) | 42× 0.15 mm (multi-strand wire class 6) |
| Diameter (core) | 3× 0.75 mm ² |
| AWG | similar to AWG 18 |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 70 \pm 5 D |
| Wire- \varnothing incl. isolation | 1.85 mm \pm 5% |
| Color/numbering of wires | bk numbered, gnye longitudinally striped |
| Stranding combination | 3 wires twisted |
| Shield | no |
| Material (jacket) | PUR |
| 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) | 90 \pm 5 A |
| Outer- \varnothing (jacket) | 5.9 mm \pm 5% |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 |
| Nominal voltage | 300 V AC |
| Test voltage | 2500 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -40...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Temperature range (mobile) | -25...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Bend radius (fixed) | 5× outer \varnothing |
| Bend radius (moving) | 10× outer \varnothing |
| No. of bending cycles (C-track) | max. 10 Mio. (25 °C) |
| Travel speed (C-track) | max. 3 m/s |
| Acceleration (C-track) | max. 10 m/s ² |
| Torsion stress | \pm 180°/m |
| No. of torsion cycles | max. 2 Mio. (25 °C) |
| Torsion speed | 35 cycles/min |
| Jacket Color | black |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | CZ |
| customs tariff number | 85444290 |
| EAN | 4048879142830 |
| eClass | 27143423 |
| Packaging unit | 1 |