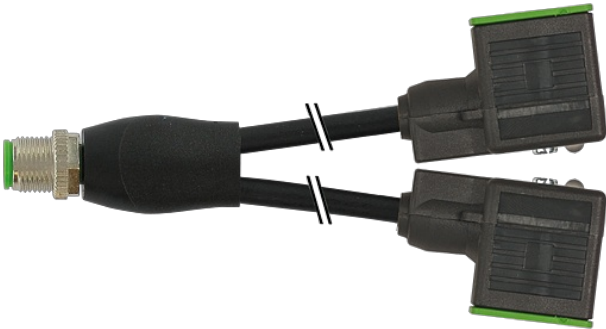


M12 Y-DISTRIBUTOR / MSUD VALVE PLUG FORM B 10 MM

PVC 3X0.75 black 0.3m

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 B (10 mm)  
LED (yellow)  
Diode/Z-Diode  
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Illustration



Product may differ from Image

Approvals



Form

Form 42411

Cables

|                            |                      |
|----------------------------|----------------------|
| No./diameter of wires      | 3× 0.75 mm²          |
| Wire isolation             | PVC (bk num, gnye)   |
| Material (jacket)          | PVC                  |
| Outer Ø                    | 5.9 mm ±5%           |
| Bend radius (moving)       | 10× outer Ø          |
| Temperature range (fixed)  | -30...+70 °C         |
| Temperature range (mobile) | -5...+70 °C          |
| Cable identification       | 616                  |
| Cable Type                 | 1 (PVC)              |
| Approval (cable)           | CE conform           |
| Cable weight [g/m]         | 61,60                |
| Material (wire)            | Cu wire, bare        |
| Resistor (core)            | max. 26 Ω/km (20 °C) |
| Single wire Ø (core)       | 0.2 mm               |

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| Construction (core)                | 24× 0.2 mm (multi-strand wire class 5)         |
| Diameter (core)                    | 3× 0.75 mm <sup>2</sup>                        |
| 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)                  | PVC                                            |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (jacket)            | 80 ±5 A                                        |
| Outer-Ø (jacket)                   | 5.9 mm ±5%                                     |
| Color (jacket)                     | black                                          |
| chemical resistance                | good resistance to oil, gasoline and chemicals |
| Nominal voltage                    | 300/500 V AC                                   |
| Test voltage                       | 3000 V AC                                      |
| Current load capacity              | to DIN VDE 0298-4                              |
| Temperature range (fixed)          | -30...+70 °C                                   |
| Temperature range (mobile)         | -5...+70 °C                                    |
| Bend radius (fixed)                | 5× outer Ø                                     |
| Bend radius (moving)               | 10× outer Ø                                    |
| Jacket Color                       | black                                          |

**Technical Data**

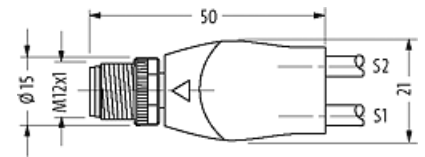
|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| Operating voltage                         | 24 V AC ±20% / DC ±25%                      |
| Rated surge voltage                       | 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/M12×1 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 Ø) | 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 |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879143028 |
| eClass                | 27143423      |
| Packaging unit        | 1             |

**Sketch**

Product may differ from Image