

**M12 Y-DISTRIBUTOR / MSUD VALVE PLUG FORM A 18MM**

PVC 3X0.75 black 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

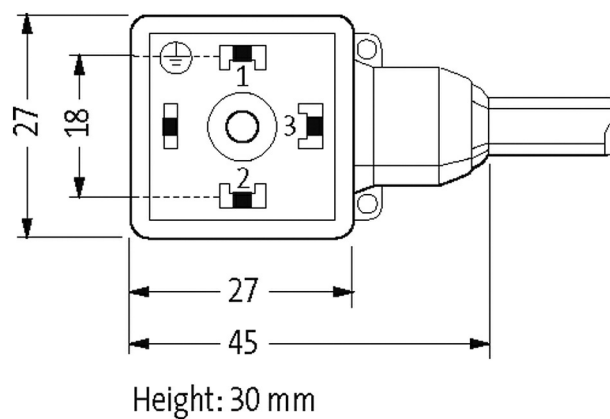
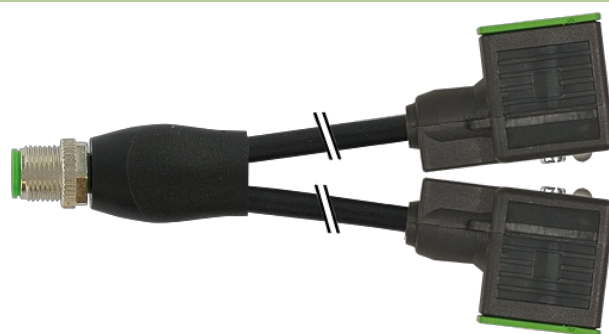
MSUD

Form A (18 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 42401

**Cables**No./diameter of wires 3 x 0.75 mm<sup>2</sup>

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| 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 mm²                                    |
| 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                  | 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                   | 4048879143134 |
| eClass                | 27143423      |
| Packaging unit        | 1             |