

PASSIVE-DI0° PLASTIC,8XM12,5POL,PRE-WIRED CABLE

15.0m PUR-JB 16*0,34+3*0,75

8-way, 5-pole

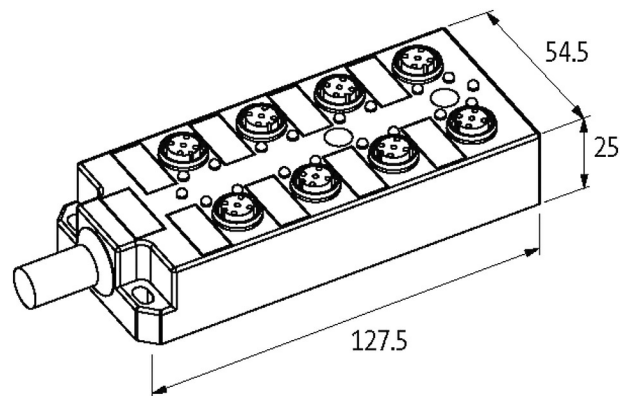
PUR/PVC

15.0 m

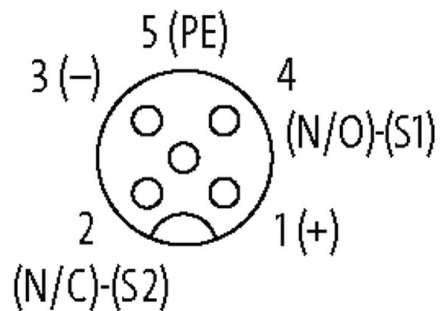
with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

Illustration

M12 Females 5-pole



Product may differ from Image

Contact Layout

PIN 1 (+)

| | |
|-------------|--|
| PIN 2 | (NC)/(S2) |
| PIN 3 | (-) |
| PIN 4 | (NO)/(S1) |
| PIN 5 | (Earth) |
| LED display | LED (green): Power / LED (yellow): (S1/S2) |

General data

| | |
|-------------------|--|
| Dimensions H×W×D | 127.5×54.5×25 mm |
| Protection | IP67 inserted and tightened (EN 60529) |
| Temperature range | -20...+80 °C |

Cables

| | |
|------------------------------------|--|
| Cable number | 398 |
| No./diameter of wires | 16× 0.34 + 3× 0.75 mm ² |
| Wire isolation | PVC |
| C-track properties | 2 Mio. |
| Jacket Color | gray |
| Material (jacket) | PUR/PVC (UL/CSA) |
| Outer Ø | 10.0 mm ±5% |
| Bend radius (moving) | 10× outer Ø |
| Cable identification | 398 |
| Cable Type | 2 (PUR/PVC) |
| Approval (cable) | UL (AWM-Style 21441/10955), CE conform |
| Cable weight [g/m] | 165,0 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 57 Ω/km (0.34 mm ²), max. 26 Ω/km (0.75 mm ²); (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 19× 0.15 mm (0.34 mm ²); 42× 0.15 mm (0.75 mm ²); (multi-strand wire class 5/6) |
| Diameter (core) | 16× 0.34 + 3× 0.75 mm ² |
| AWG | similar to AWG 22 (0.34 mm ²); similar to AWG 19 (0.75 mm ²) |
| 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 | 1.3 mm ±5% (0.34 mm ²); 1.8 mm ±5% (0.75 mm ²) |
| Color/numbering of wires | wh, grpk, brgn, ye, whgn, gn, rdbl, vi, grbr, bk, whgr, rd, yebr, pk, whye, gr+bl, br, gnye longitudinally striped |
| Shield | no |
| Material (jacket) | PUR/PVC |
| Shore hardness (jacket) | 87 ±5 A |
| Outer-Ø (jacket) | 10.0 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| Nominal voltage | U0/U 300/300 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...+60 °C |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 10× 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. 2 m/s |
| Acceleration (C-track) | max. 10 m/s ² |

Technical Data

| | |
|-------------------------------|-------------------------|
| Operating voltage | 24 V DC |
| Signal per port | 2 |
| Operating current per contact | max. 4 A |
| Total current | max. 10 A |
| Locking of ports | Screw thread (M12×1 mm) |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | CZ |
| customs tariff number | 85444290 |
| EAN | 4048879062909 |
| eClass | 27279219 |
| Packaging unit | 1 |