

EXACT12, 8XM12, 5-POLE, MOULDED CABLE

5.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

8-way, 5-pole

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

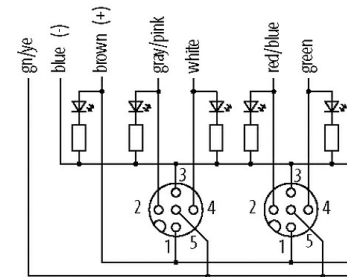
PUR/PVC

5.0 m

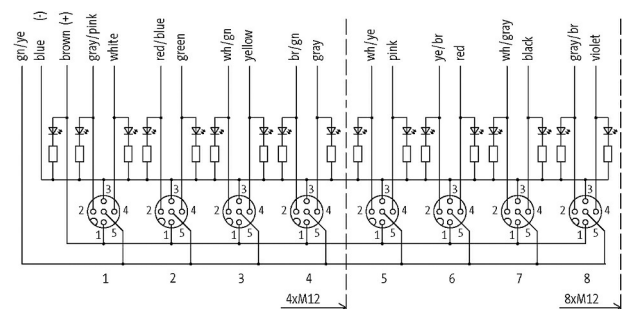
[Link to Product](#)**Illustration**

M12-Females 5-pole

3 (-) 5 (PE) 4 (N/O)-(S1)
 2 (N/C)-(S2) 1 (+)



for 2 signals per port



Product may differ from Image

Approvals**Contact Layout**

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20

| | |
|------------------------------------|--|
| PIN 1 | (+) |
| PIN 2 | (NC)/(S2) |
| PIN 3 | (-) |
| PIN 4 | (NO)/(S1) |
| PIN 5 | (Earth) |
| LED display | LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2) |
| General data | |
| Temperature range | -20...+70 °C, depending on cable quality |
| 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/s²

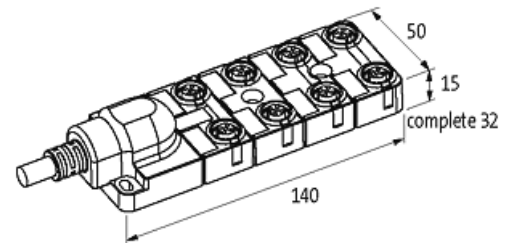
Technical Data

| | |
|-------------------------------|--------------------------|
| Operating voltage | 24 V DC |
| Operating current per contact | max. 4 A |
| Total current | max. 8 A |
| Locking of ports | Screw thread (M12×1 mm) |
| Protection | IP65/IP67 |
| Housing | Plastic, flame retardant |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879054027 |
| eClass | 27143423 |
| Packaging unit | 1 |

Sketch



Product may differ from Image