

**CAP FOR D-BOX M12 4-WAY 5-POLE**

Pot.-sep. 5m PUR/PVC-JB, 8x0,34+5x0,75

Art.No.: 4027072

Weight: 1.062

Country of origin: CZ

Model designation: MVZ-HL M12 MVM4-UHT5.0-MP

for 4-way distribution boxes, 5-pole

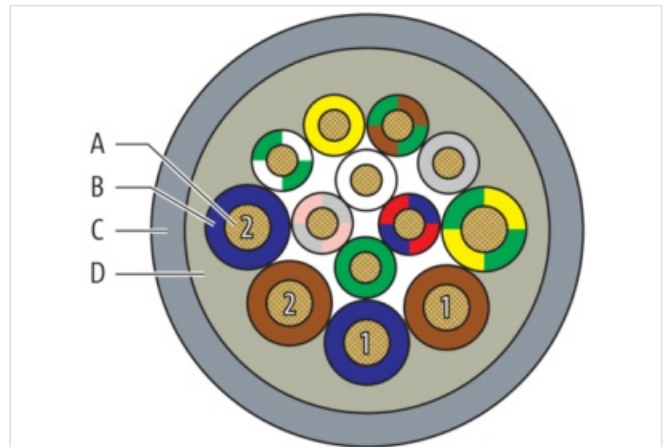
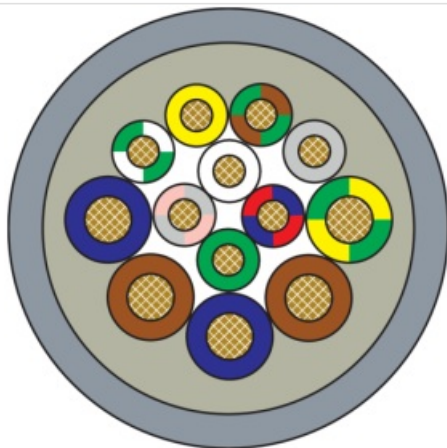
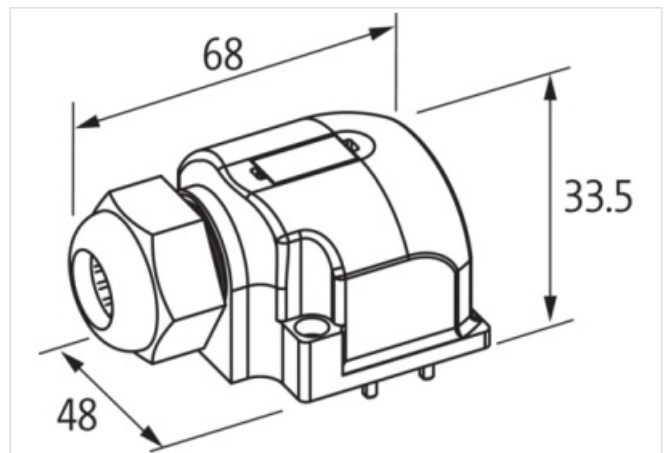
PUR/PVC

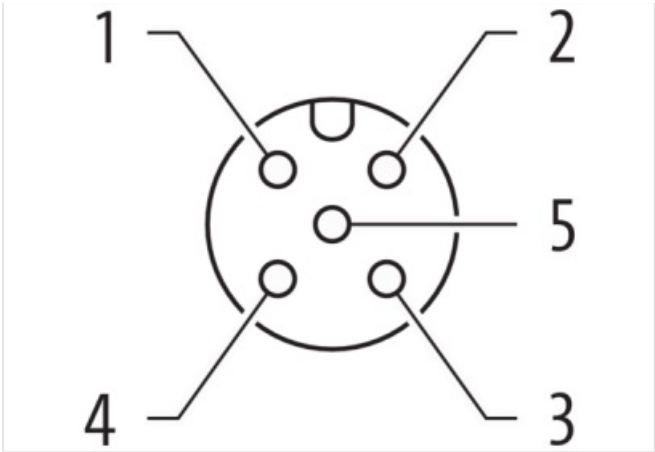
5.0 m

potentially separated

New Art.-No. 8000-84659-3740500

Plastic housings with good resistance against chemicals and oils.

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



Product may differ from Image



| Header                          |                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| Material short text             | MVZ-HL M12 MVM4-UHT5.0-MP                                                                     |
| Commercial data                 |                                                                                               |
| URL Webshop                     | <a href="https://shop.murrelektronik.com/4027072">https://shop.murrelektronik.com/4027072</a> |
| GTIN                            | 4048879058186                                                                                 |
| ECLASS-6.0                      | 27143423                                                                                      |
| ECLASS-6.1                      | 27279219                                                                                      |
| ECLASS-7.0                      | 27279219                                                                                      |
| ECLASS-7.1                      | 27279219                                                                                      |
| ECLASS-8.0                      | 27279219                                                                                      |
| ECLASS-8.1                      | 27279219                                                                                      |
| ECLASS-9.0                      | 27440108                                                                                      |
| ECLASS-9.1                      | 27440108                                                                                      |
| ECLASS-10.0.1                   | 27440108                                                                                      |
| ECLASS-10.1                     | 27440108                                                                                      |
| ECLASS-11.0                     | 27440108                                                                                      |
| ECLASS-11.1                     | 27440108                                                                                      |
| ECLASS-12.0                     | 27440108                                                                                      |
| ECLASS-13.0                     | 27440108                                                                                      |
| ECLASS-14.0                     | 27440108                                                                                      |
| ETIM-5.0                        | EC002585                                                                                      |
| ETIM-6.0                        | EC002585                                                                                      |
| ETIM-7.0                        | EC002585                                                                                      |
| ETIM-8.0                        | EC002585                                                                                      |
| customs tariff number           | 85444290                                                                                      |
| EAN                             | 4048879058186                                                                                 |
| Packaging unit                  | 1                                                                                             |
| Electrical data   Supply        |                                                                                               |
| Total current max.              | 8 A                                                                                           |
| Mechanical data   Mounting data |                                                                                               |
| Height                          | 33 mm                                                                                         |
| Width                           | 48 mm                                                                                         |

Depth 68 mm

| Installation   Cable                              |                                                                                                                                 |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Cable identification                              | 374                                                                                                                             |
| Cable Type                                        | 2                                                                                                                               |
| Function cable                                    | Hybrid, Signal, Power                                                                                                           |
| Amount stranding                                  | 1                                                                                                                               |
| Stranding                                         | 4 wires stranded                                                                                                                |
| Amount stranding (type 2)                         | 1                                                                                                                               |
| Stranding (type 2)                                | 9 wires stranded around stranding combination                                                                                   |
| Wire arrangement                                  | (, gray-pink, white, red-blue, green, ), blue 2, green-white, yellow, brown-green, gray, green-yellow, brown 1, blue 1, brown 2 |
| Cable weight                                      | 140.94 g/m                                                                                                                      |
| Material wire insulation                          | PVC                                                                                                                             |
| Amount wires                                      | 8                                                                                                                               |
| Outer diameter insulation                         | 1.3 mm                                                                                                                          |
| Outer diameter tolerance core insulation          | ± 0.1 mm                                                                                                                        |
| Shore hardness wire insulation                    | 43 5 Shore D                                                                                                                    |
| Material properties wire insulation               | good machinability                                                                                                              |
| Ingredient freeness wire insulation               | CFC-free, cadmium-free, silicone-free, lead-free                                                                                |
| Amount strands (wire)                             | 19                                                                                                                              |
| Diameter of single wires                          | 0.15 mm                                                                                                                         |
| Conductor crosssection (wire)                     | 0.34 mm²                                                                                                                        |
| Material conductor wire                           | Stranded copper wire, bare                                                                                                      |
| Conductor type (wire)                             | Strand class 5                                                                                                                  |
| Material wire insulation (type 2)                 | PVC                                                                                                                             |
| Outer diameter wire insulation (type 2)           | 1.8 mm                                                                                                                          |
| Tolerance outer diameter wire insulation (type 2) | ± 0.1 mm                                                                                                                        |
| Material properties wire insulation (type 2)      | good machinability                                                                                                              |
| Ingredient freeness wire insulation (type 2)      | cadmium-free, silicone-free, lead-free, CFC-free                                                                                |
| Amount wires (type 2)                             | 5                                                                                                                               |
| Amount strands wire (type 2)                      | 42                                                                                                                              |
| Diameter of single wires (type 2)                 | 0.15 mm                                                                                                                         |
| Conductor crosssection wire (type 2)              | 0.75 mm²                                                                                                                        |
| Material conductor wire (type 2)                  | Stranded copper wire, bare                                                                                                      |
| Wire conductor type (type 2)                      | strand class 6                                                                                                                  |
| Electrical function wire (type 2)                 | Power                                                                                                                           |
| Shore hardness wire insulation (type 3)           | 43                                                                                                                              |
| Printing colour wire insulation (type 3)          | white (isolation blue), white (isolation brown)                                                                                 |
| Outer-diameter (jacket)                           | 9.2 mm                                                                                                                          |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                                                                           |
| Material jacket                                   | PUR                                                                                                                             |
| Shore hardness jacket                             | 87 5 Shore A                                                                                                                    |
| Freedom from ingredients (jacket)                 | CFC-free, cadmium-free, silicone-free, lead-free                                                                                |
| Material property (jacket)                        | matte, good machinability, abrasion-resistant, low adhesion                                                                     |
| Material inner jacket                             | PVC                                                                                                                             |
| Color (inner jacket)                              | gray                                                                                                                            |
| Conductor resistance (wire)                       | 57 Ω/km @ 20 °C                                                                                                                 |
| Max. rated voltage (conductor - ground)           | 300 V                                                                                                                           |
| Max. rated voltage (conductor - conductor)        | 300 V                                                                                                                           |
| Withstand voltage (wire - wire)                   | 2 kV @ 60 s                                                                                                                     |
| Withstand voltage (wire - jacket)                 | 2 kV @ 60 s                                                                                                                     |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                                                                                               |
| Current load capacity min. wire                   | 4 A                                                                                                                             |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-10-03

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|                                          |                                                                             |
|------------------------------------------|-----------------------------------------------------------------------------|
| Current load capacity min. Wire (type 2) | 9 A                                                                         |
| Min. operating temperature (static)      | -30 °C                                                                      |
| Max. operating temperature (fixed)       | 80 °C                                                                       |
| Operating temperature min. (dynamic)     | -5 °C                                                                       |
| Operating temperature max. (dynamic)     | 70 °C                                                                       |
| Operating temperature min. (drag chain)  | -5 °C                                                                       |
| Operating temperature max. (drag chain)  | 60 °C                                                                       |
| Flame resistance                         | UL 1581 § 1090, CSA FT2, IEC 60332-2-2                                      |
| Oil resistance                           | IEC 60811-404                                                               |
| Chemical resistance                      | good                                                                        |
| Other resistances                        | resistant to hydrolysis, resistant to microbes, good resistance to gasoline |
| Bending radius (fixed)                   | 5 × Outer diameter                                                          |
| Bending radius (dynamic)                 | 10 × Outer diameter                                                         |
| No. of bending cycles (C-track)          | 2 Mio. @ 25 °C                                                              |
| Traversing distance (C-track)            | 5 m @ 25 °C                                                                 |
| Travel speed (C-track)                   | 2 m/s @ 25 °C                                                               |
| Acceleration (C-track)                   | 10 m/s² @ 25 °C                                                             |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | M12            |
| No. of poles             | 5              |
| Coding                   | A              |
| Gender                   | female         |
| Color contact carrier    | black          |
| PIN 1                    | +              |
| PIN 2                    | NC S 2         |
| PIN 3                    | -              |
| PIN 4                    | NO S 1         |
| PIN 5                    | PE             |
| Family construction form | free cable end |
| No. of poles             | 13             |
| Color contact carrier    | gray           |