

**PRE-WIRED CAP FOR EXACT8, 10XM8, 3 POLE**

3.0m PUR/PVC 10x0,34+2x0,75

Art.No.: 8000-80049-3850300

Weight: 0.396

Country of origin: CZ

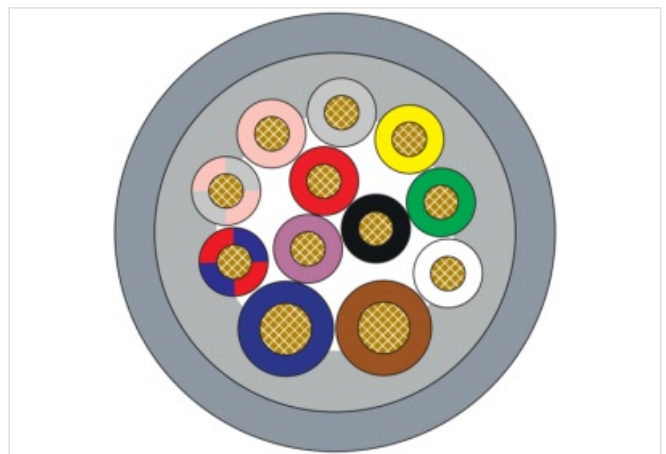
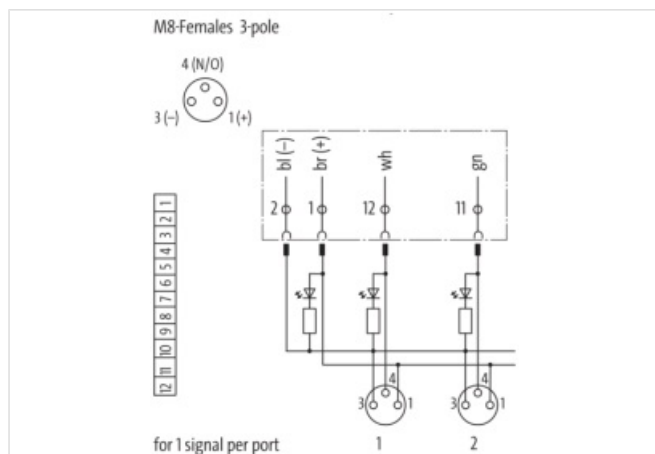
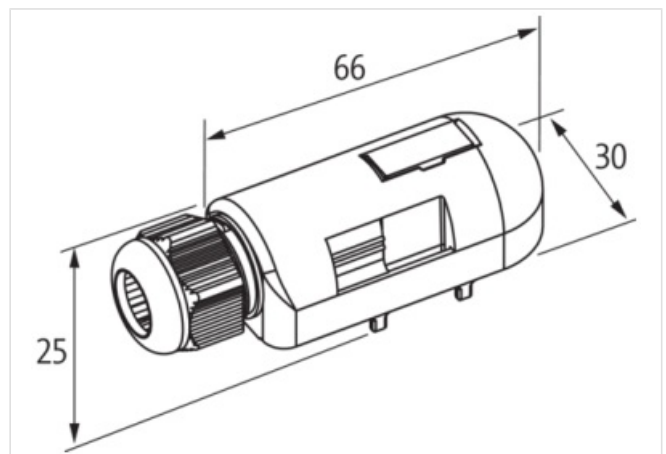
Model designation: MVP8N-ZH385 3.0m

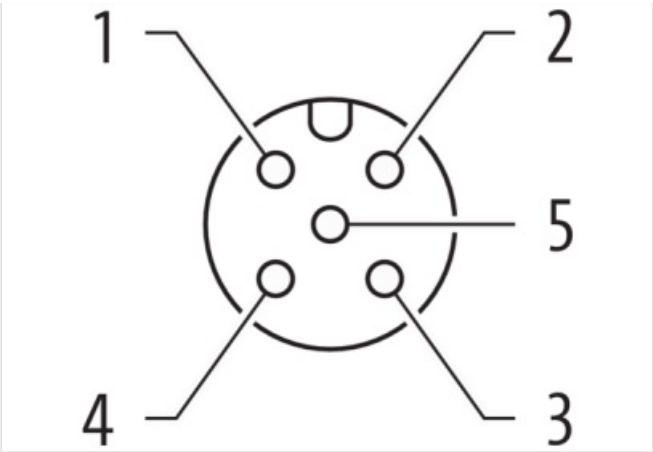
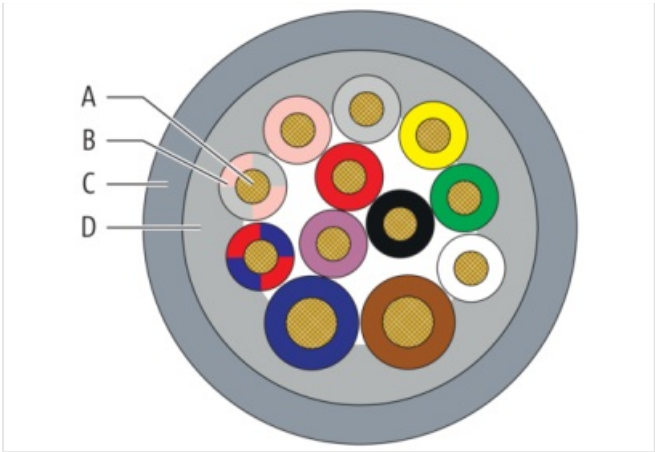
PUR/PVC

3.0 m

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.

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



Product may differ from Image



Header

Material short text MVP8N-ZH385 3.0m

Commercial data

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/8000-80049-3850300">https://shop.murrelektronik.com/8000-80049-3850300</a> |
| GTIN                  | 4048879056779                                                                                                       |
| 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                   | 4048879056779                                                                                                       |
| Packaging unit        | 1                                                                                                                   |

Electrical data | Supply

Total current max. 8 A

Device protection | Media

Flame resistance flame retardant

Mechanical data | Material data

Material housing Plastic

#### Environmental characteristics | Climatic

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -20 °C                     |
| Operating temperature max.             | 80 °C                      |
| Additional condition temperature range | depending on cable quality |

#### Installation | Cable

|                                                   |                                                                                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------|
| Cable identification                              | 385                                                                                          |
| Cable Type                                        | 2                                                                                            |
| Function cable                                    | Hybrid, Signal, Power                                                                        |
| Amount stranding                                  | 1                                                                                            |
| Stranding                                         | 3 wires stranded                                                                             |
| Amount stranding (type 2)                         | 1                                                                                            |
| Stranding (type 2)                                | 9 wires stranded around stranding combination                                                |
| Wire arrangement                                  | (, red, black, violet, ), gray-pink, pink, gray, yellow, green, white, brown, blue, red-blue |
| Cable weight                                      | 113.3 g/m                                                                                    |
| Material wire insulation                          | PVC                                                                                          |
| Amount wires                                      | 10                                                                                           |
| 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                          | 15 mm                                                                                        |
| Conductor crosssection (wire)                     | 0.34 mm <sup>2</sup>                                                                         |
| 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)      | CFC-free, cadmium-free, silicone-free, lead-free                                             |
| Amount wires (type 2)                             | 2                                                                                            |
| Amount strands wire (type 2)                      | 24                                                                                           |
| Diameter of single wires (type 2)                 | 0.2 mm                                                                                       |
| Conductor crosssection wire (type 2)              | 0.75 mm <sup>2</sup>                                                                         |
| Material conductor wire (type 2)                  | Stranded copper wire, bare                                                                   |
| Wire conductor type (type 2)                      | Strand class 5                                                                               |
| Electrical function wire (type 2)                 | Power                                                                                        |
| Shore hardness wire insulation (type 3)           | 43                                                                                           |
| Outer-diameter (jacket)                           | 8.3 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                                                                         |
| Current load capacity min. Wire (type 2) | 12 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 | free cable end |
| No. of poles             | 12             |
| Family construction form | M8             |
| No. of poles             | 3              |
| Coding                   | A              |
| Gender                   | female         |
| Color contact carrier    | black          |
| PIN 1                    | +              |
| PIN 3                    | -              |
| PIN 4                    | S              |