

CAP FOR D-BOX M12 8-WAY 5-POLE

No pot-sep. 20m PUR/PVC 3X0.75+16x0,34

Art.No.: 8000-88559-3982000

Weight: 3.23

Country of origin: CZ

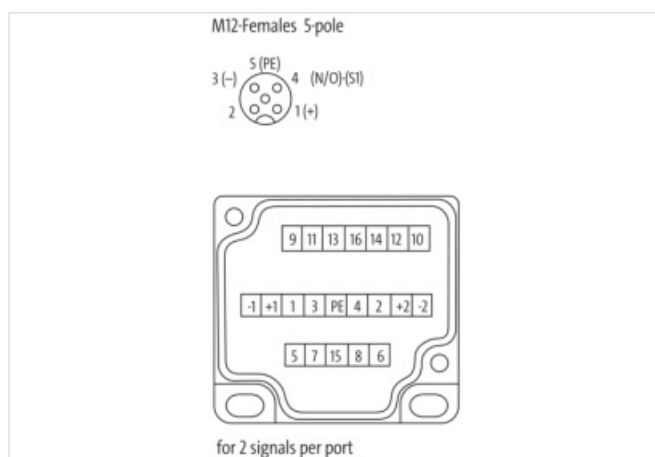
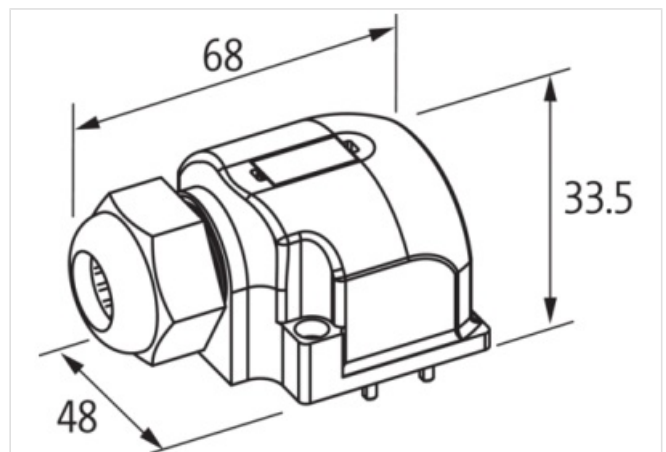
Model designation: MVZ-HL 8xM12 398 20.0m

20.0 m

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.

Link to Product**Illustration**

Product may differ from Image

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/8000-88559-3982000>

GTIN

4048879053778

| | |
|---------------|---------------|
| 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 |
| EAN | 4048879053778 |

Electrical data | Supply

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|--------------------|-----|
| Total current max. | 8 A |
|--------------------|-----|

Device protection | Media

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|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

Mechanical data | Material data

| | |
|------------------|---------|
| Material housing | Plastic |
|------------------|---------|

Environmental characteristics | Climatic

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|--|----------------------------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 70 °C |
| Additional condition temperature range | depending on cable quality |

Installation | Cable

| | |
|--|--|
| Cable Type | 2 |
| Function cable | Hybrid, Signal, Power |
| Amount stranding | 1 |
| Stranding | Wires |
| Amount stranding (type 2) | 1 |
| Stranding (type 2) | Wires |
| Wire arrangement | white, gray-pink, brown-green, yellow, green-white, green, red-blue, (, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow,) |
| Cable weighth | 165 g/m |
| Material wire insulation | PVC |
| Amount wires | 16 |
| Outer diameter insulation | 1.3 mm |
| Outer diameter tolerance core insulation | ± 0.1 mm |
| Shore hardness wire insulation | 43 |
| 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 (Power) | PVC |
| Outer diameter wire insulation (Power) | 1.8 mm |
| Tolerance outer diameter wire insulation (Power) | ± 0.1 mm |
| Shore hardness wire insulation (Power) | 43 |
| Material properties wire insulation (Power) | good machinability |
| Ingredient freeness wire insulation (Power) | CFC-free, cadmium-free, silicone-free, lead-free |
| Amount wires (Power) | 3 |
| Amount strands wire (Power) | 42 |
| Diameter of single wires (Power) | 0.15 mm |
| Wire conductor cross section (Power) | 0.75 mm² |
| Material conductor wire (Power) | Stranded copper wire, bare |
| Conductor type wire (Power) | strand class 6 |
| Outer-diameter (jacket) | 10 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PUR |
| Shore hardness jacket | 87 |
| 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 |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Electrical resistance coating wire (Power) | 26 Ω/km @ 20 °C |
| Max. rated voltage (conductor - ground) | 300 V |
| Max. rated voltage (conductor - conductor) | 300 V |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency 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 carrying capacity min. wire (Power) | 7.8 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 |
| 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

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|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles | 19 |
| 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 |