

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

No pot.-sep. 10m PUR/PVC, 16x0,34+3X0.75

Art.No.: 8000-88559-3981000

Weight: 1.64

Country of origin: CZ

Model designation: MVZ-HL 8xM12 398 10.0m

10.0 m

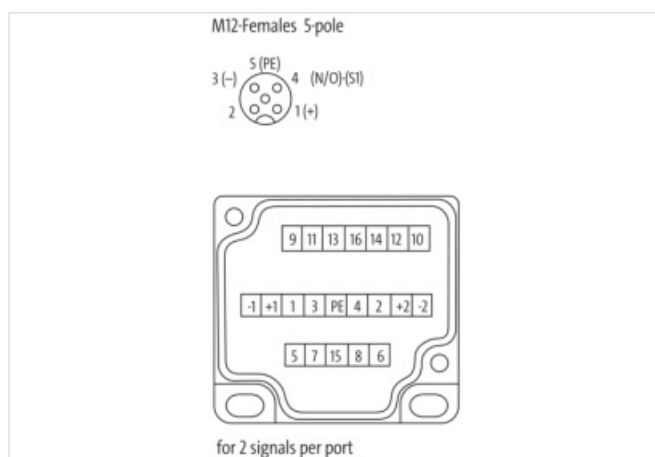
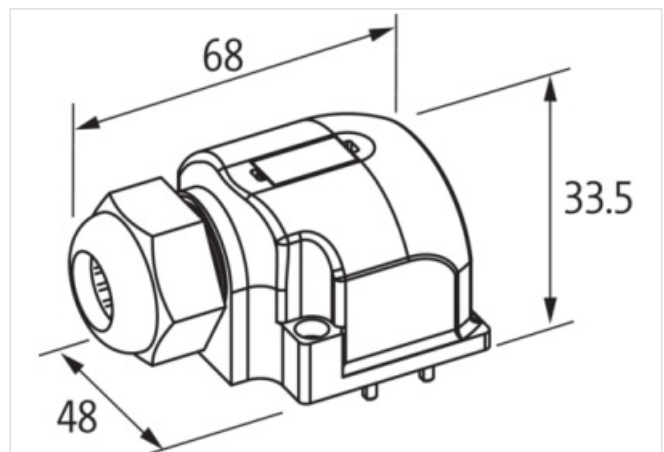
Further cable lengths on request.

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



Header

Material short text

MVZ-HL 8xM12 398 10.0m

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-88559-3981000
GTIN	4048879053792
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	4048879053792
Packaging unit	1

Electrical data | Supply

Total current max.	8 A
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Device protection | Media

Flame resistance	flame retardant
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Mechanical data | Material data

Material housing	Plastic
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Environmental characteristics | Climatic

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

Installation | Cable

Cable identification	398
Cable Type	2
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	7 wires around core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires stranded around stranding combination
Filler	yes
Wire arrangement	(, white, gray-pink, brown-green, yellow, green-white, green, red-blue,), brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet
Cable weight	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 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free

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: 2025-08-31

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Amount strands (wire)	19
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.34 mm ²
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)	3
Amount strands wire (type 2)	42
Diameter of single wires (type 2)	0.15 mm
Conductor crosssection wire (type 2)	0.75 mm ²
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
Outer-diameter (jacket)	10 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/s ² @ 25 °C

Connection type 2

Family construction form	free cable end
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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