

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

No pot.-sep. 15m PUR UL/CSA, 16x0,5+3x1,0

Art.No.: 8000-88559-4521500

Weight: 2.993

Country of origin: CZ

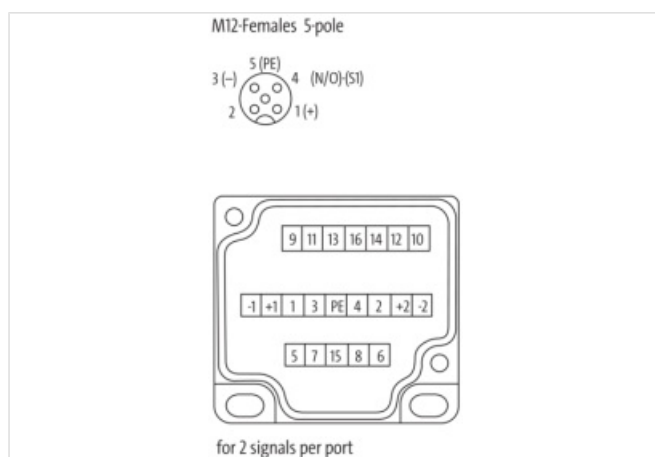
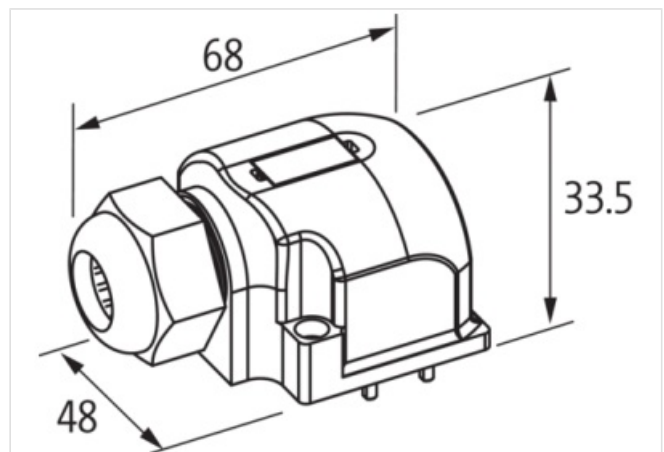
Model designation: MVZ-HL 8xM12 452 15.0m

15.0 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/8000-88559-4521500>

GTIN

4048879053716

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	4048879053716

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.	70 °C
Additional condition temperature range	depending on cable quality

Installation | Cable

Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	Wires
Amount stranding (type 2)	1
Stranding (type 2)	Wires
Banding	Fleece
Filler	yes
Wire arrangement	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet,)
Cable weight	231 g/m
Material wire insulation	PP
Amount wires	16
Outer diameter insulation	1.6 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	70
Ingredient freeness wire insulation	LABS-free, CFC-free, silicone-free, halogen-free, lead-free
Amount strands (wire)	64
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6

Material wire insulation (Power)	PP
Outer diameter wire insulation (Power)	2.1 mm
Tolerance outer diameter wire insulation (Power)	± 0.1 mm
Shore hardness wire insulation (Power)	70
Ingredient freeness wire insulation (Power)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Amount wires (Power)	3
Amount strands wire (Power)	128
Diameter of single wires (Power)	0.1 mm
Wire conductor cross section (Power)	1 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Outer-diameter (jacket)	11.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90
Freedom from ingredients (jacket)	CFC-free, cadmium-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	19.5 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 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	5.9 A
Current load capacity min. Wire (Data)	15 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	60 °C
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s ² @ 25 °C

Connection type 2

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