

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

Pot.-sep. 3m PUR/PVC-JB, 8x0,34+5x0,75

Art.No.: 4027071

Weight: 0.654

Country of origin: CZ

Model designation: MVZ-HL M12 MVM4-UHT3.0-MP

for 4-way distribution boxes, 5-pole

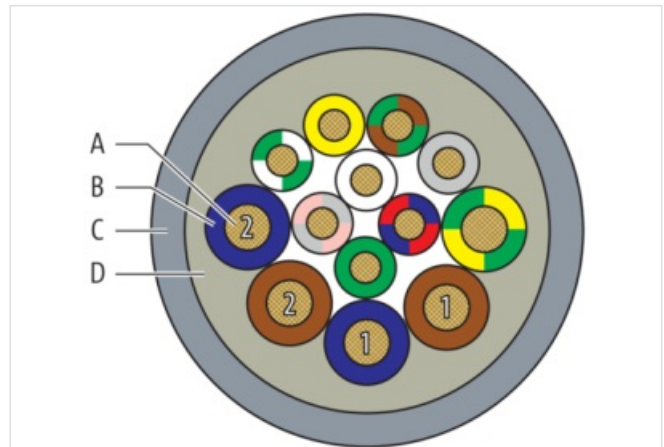
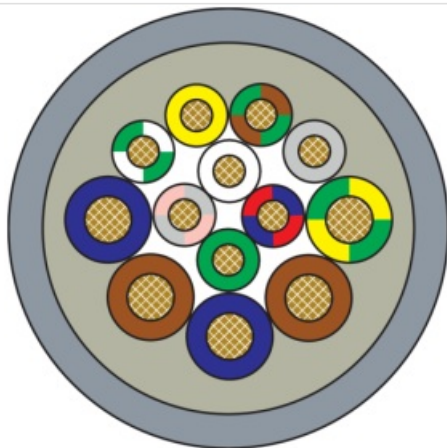
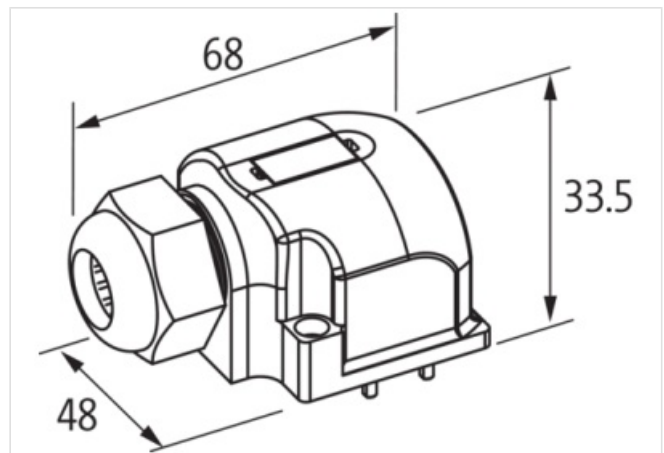
PUR/PVC

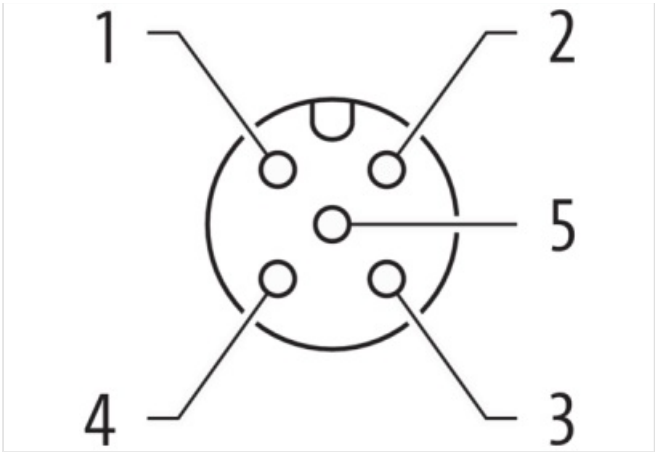
3.0 m

potentially separated

New Art.-No. 8000-84659-3740300

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-UHT3.0-MP
Commercial data	
URL Webshop	https://shop.murrelektronik.com/4027071
GTIN	4048879058193
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	4048879058193
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: 2025-09-30

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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