

MVP12, 4XM12, MOSA, PLUGGABLE CABLE

10.0m PUR-JB 8x0,34+5x0,75

Art.No.: 4927073

Weight: 2.465 kg

Country of origin: DE

Model designation: MVM4-VHT10.0

4-way, 5-pole, MOSA

PUR/PVC (UL/CSA)

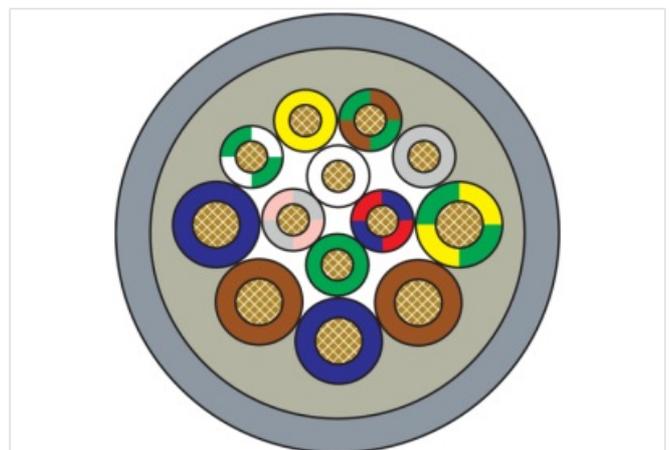
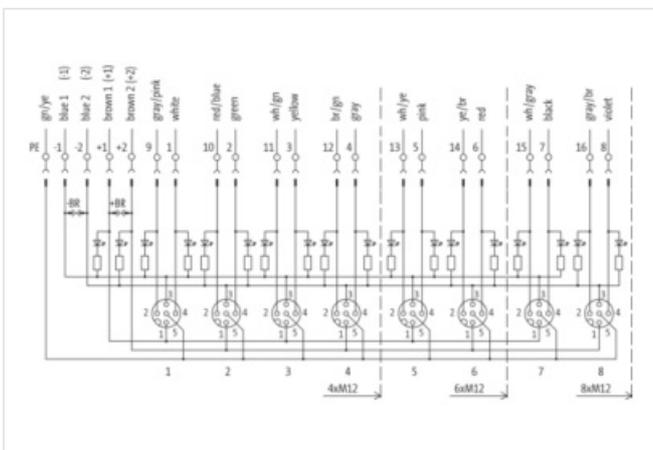
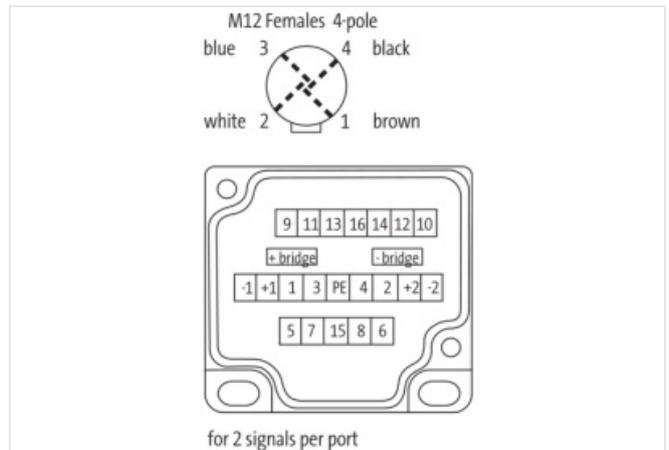
10.0 m

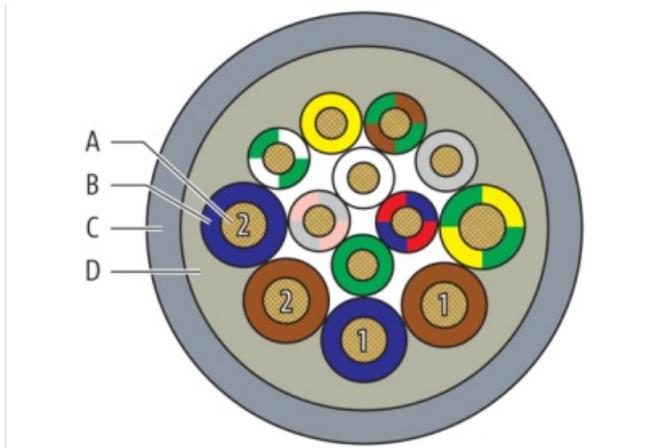
potentially separated

with LED for digital PNP-signals 24 V DC

[Link to Product](#)

Illustration





Product may differ from Image



Header

Material short text MVM4-VHT10.0

Commercial data

URL Webshop <https://shop.murrelektronik.com/4927073>

GTIN 4048879057622

ECLASS-6.0 27279219

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 85366990

EAN 4048879057622

Packaging unit 1

Electrical data | Supply

Operating voltage DC 24 V

Current operating per contact max. 4 A

Total current at 1 time current feed-in max. 8 A

Total current at 2 times current feed-in max. 16 A

Industrial Communication

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: 2026-01-27

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Number of signals per port 2

Installation

Connection cross section min. 0,25 mm²
 Connection cross section max. 0,5 mm²

Device protection | Electrical

Degree of protection (EN IEC 60529) IP67
 Additional condition protection degree mounted, screwed

Device protection | Media

Flame resistance flame retardant

Mechanical data | Material data

Material housing Plastic

Mechanical data | Mounting data

Height 43 mm
 Width 50,2 mm
 Depth 122 mm
 Mounting method Cap nut

Environmental characteristics | Climatic

Operating temperature min. -20 °C
 Operating temperature max. 80 °C

Installation | Cable

Cable identification 374
 Cable Type 2
 Function cable Hybrid, Signal, Power
 Stranding 1 × 4 wires stranded
 Amount stranding (type 2) 1
 Stranding (type 2) 1 × 9 wires stranded around stranding combination
 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 lead-free, cadmium-free, CFC-free, silicone-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
 Shore hardness wire insulation (type 2) 43 ± 5 Shore D
 Material properties wire insulation (type 2) good machinability
 Ingredient freeness wire insulation (type 2) lead-free, cadmium-free, CFC-free, silicone-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
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)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Material inner jacket	PVC
Color (inner jacket)	gray
Conductor resistance (wire)	57 Ω/km @ 20 °C
Conductor resistance (wire type 2)	26 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 max. (wire)	4 A
Current load capacity max. Wire (type 2)	9 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	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	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
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	Cap
No. of poles	21
Family construction form	M12
No. of poles	4
Coding	HARAX
Gender	male
Color contact carrier	black
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE