

MVP12, 8XM12, MOSA, PLUGGABLE CABLE

5.0m PUR-JB 16x0,34+5x0,75

Art.No.: 4927082

Weight: 1.3

Country of origin: CZ

Model designation: MVM8-VHA5.0

8-way, 5-pole, MOSA

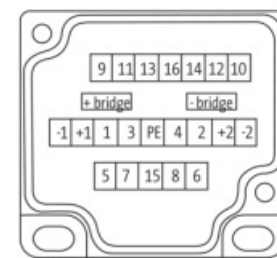
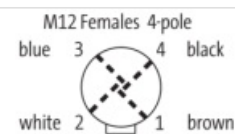
PUR/PVC

5.0 m

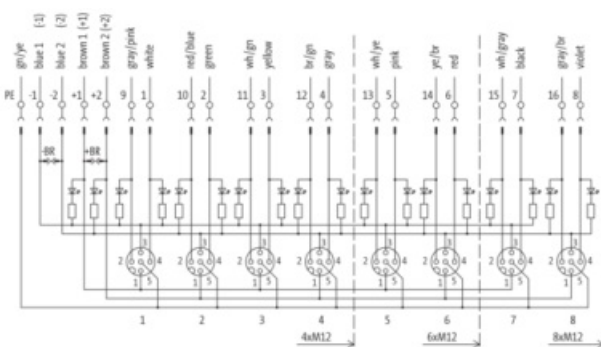
potentially separated

with LED for digital PNP-signals 24 V DC

quick connection elements included

[Link to Product](#)**Illustration**

for 2 signals per port



Product may differ from Image

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/4927082>

GTIN	4048879057578
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
EAN	4048879057578

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

Number of signals per port	2
----------------------------	---

Installation

Connection cross section min.	0.25 mm ²
Connection cross section max.	0.5 mm ²

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	170 mm
Mounting method	Cap nut

Environmental characteristics | Climatic

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

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	blue 1, brown 1, blue 2, brown 2, green-yellow, (, green, red-blue, white, gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white,)
Cable weighth	257.87 g/m
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1.4 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	55
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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (type 3)	PVC
Outer diameter wire insulation (type 3)	2.2 mm
Tolerance outer diameter wire insulation (type 3)	± 0.1 mm
Shore hardness wire insulation (type 3)	43
Material properties wire insulation (type 3)	good machinability
Ingredient freeness wire insulation (type 3)	CFC-free, cadmium-free, silicone-free, lead-free
Printing colour wire insulation (type 3)	white (isolation blue), white (isolation brown)
Amount wires (type 3)	5
Amount strands wire (type 3)	42
Diameter of single wires (type 3)	0.15 mm
Wire conductor cross section (type 3)	0.75 mm ²
Material conductor wire (type 3)	Stranded copper wire, bare
Conductor type wire (type 3)	strand class 6
Outer-diameter (jacket)	12.5 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
Conductor resistance (wire)	57 Ω/km @ 20 °C
Conductor resistance (wire type 3)	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 min. wire	4 A
Current carrying capacity min. wire (type 3)	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

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: 2025-08-16

Murrelektronik GmbH | Grabenstraße 29 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

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	+ PE
PIN 2	NC
PIN 3	-
PIN 4	S

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murrelektronik:](#)

[4927082](#)