

MVP12, 8XM12, MOSA, PLUGGABLE CABLE

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

Art.No.: 4927082

Weight: 1.300 kg

Country of origin: CZ

Model designation: MVM8-VHA5.0

8-way, 5-pole, MOSA

PUR/PVC

5.0 m

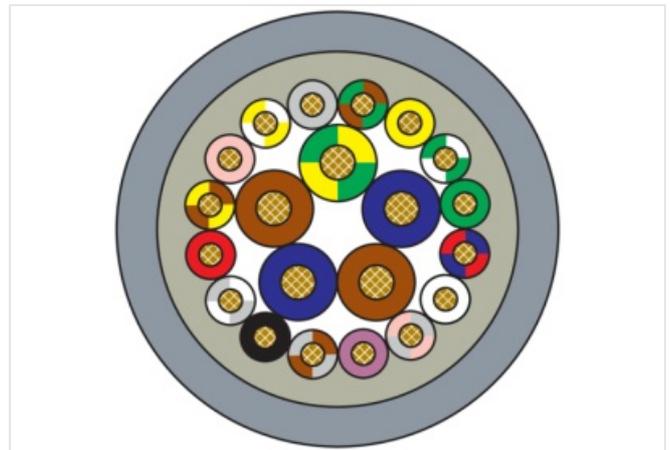
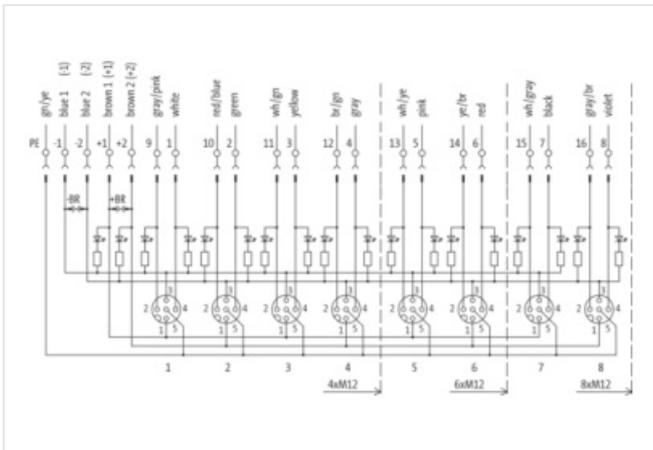
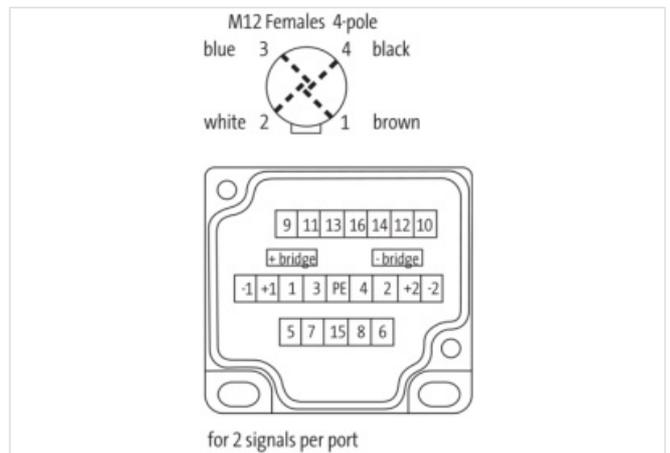
potentially separated

with LED for digital PNP-signals 24 V DC

quick connection elements included

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text

MVM8-VHA5.0

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
customs tariff number	85444290
EAN	4048879057578
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	
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 identification	404
Cable Type	2
Function cable	Hybrid, Signal, Power
Stranding	1 × 5 wires around core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	1 × 16 wires stranded around stranding combination
Filler	Yes
Wire arrangement	(brown 2, green-yellow, blue 1, brown 1, blue 2), brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white, gray-pink, violet, brown-gray, black, gray-white, red
Cable weight	234,43 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 ± 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 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
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 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
Printing colour wire insulation (type 3)	white (isolation blue), white (isolation brown)
Outer-diameter (jacket)	12,5 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

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: 2026-01-28

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/s ² @ 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