

EXACT12, 8XM12, 4 POLE MOULDED CABLE

10.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

Art.No.: 8000-88410-3621000

Weight: 1.195 kg Country of origin: DE

Model designation: MVP12N-AN8V362 10.0M

8-way, 4-pole

Further cable lengths on request.

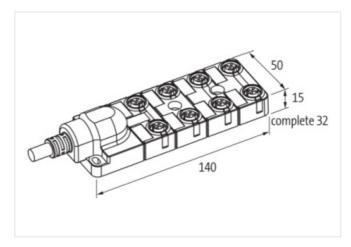
Plastic housings with good resistance against chemicals and oils.

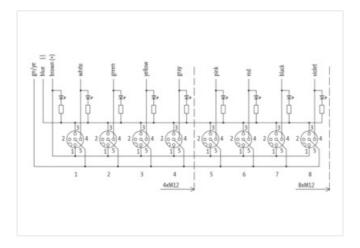
The resistance to aggressive media should be individually tested for your application. Further details on request.

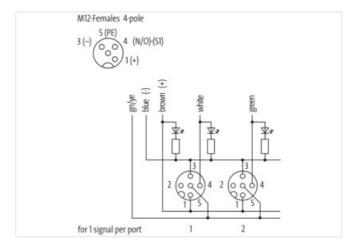
Link to Product

Illustration



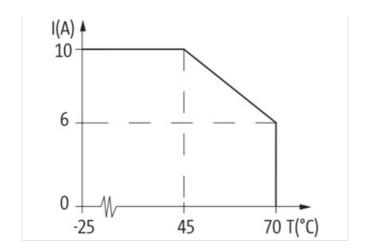


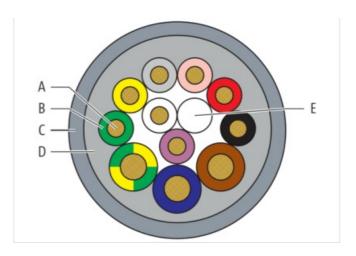


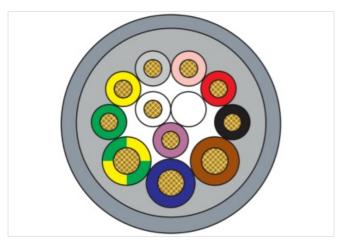


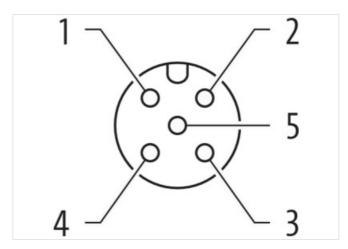


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Product may differ from Image











Header	
Material short text	MVP12N-AN8V362 10.0M
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88410-3621000
GTIN	4048879054256
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



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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	4048879054256
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67, IP65
Device protection Media	
Flame resistance	flame retardant
	name retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	362
	362 2
Cable identification	
Cable identification Cable Type	2
Cable identification Cable Type Function cable	2 Hybrid, Signal, Power
Cable identification Cable Type Function cable Amount stranding	2 Hybrid, Signal, Power 1
Cable identification Cable Type Function cable Amount stranding Stranding	2 Hybrid, Signal, Power 1 2 wires stranded with filler
Cable identification Cable Type Function cable Amount stranding Stranding Amount stranding (type 2)	2 Hybrid, Signal, Power 1 2 wires stranded with filler 1
Cable identification Cable Type Function cable Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	2 Hybrid, Signal, Power 1 2 wires stranded with filler 1 9 wires stranded around stranding combination
Cable identification Cable Type Function cable Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler Wire arrangement Cable weigth	2 Hybrid, Signal, Power 1 2 wires stranded with filler 1 9 wires stranded around stranding combination Yes (white, violet), green, yellow, gray, pink, red, black, brown, blue, green-yellow 105 g/m
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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)	3
Amount strands wire (type 2)	24
Diameter of single wires (type 2)	0,2 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 5
Electrical function wire (type 2)	Power
Outer-diameter (jacket)	8,1 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
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 load capacity min. Wire (type 2)	12 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (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 x 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	free cable end
No. of poles	11
Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 2	n.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: 2025-12-15



PIN 3	-
PIN 4	NO S 1
PIN 5	PE