

EXACT12, 8XM12, 4 POLE MOULDED CABLE

5.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

Art.No.: 8000-88410-3620500

Weight: 0.694 Country of origin: DE

Model designation: MVP12N-AN8V362 5.0M

8-way, 4-pole

Further cable lengths on request.

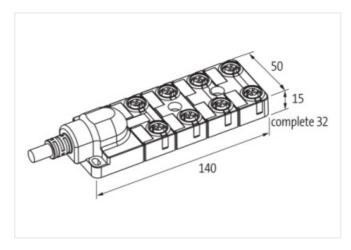
Plastic housings with good resistance against chemicals and oils.

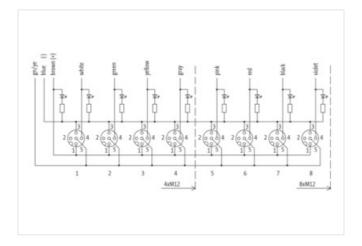
The resistance to aggressive media should be individually tested for your application. Further details on request.

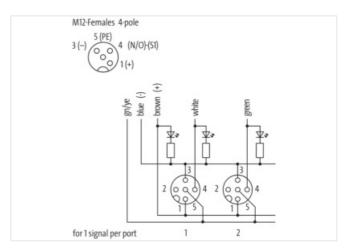
Link to Product

Illustration



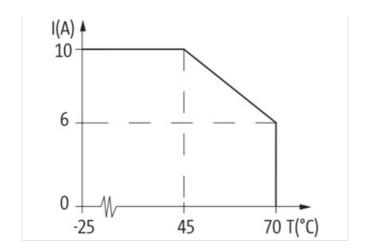


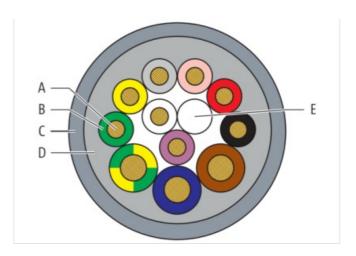


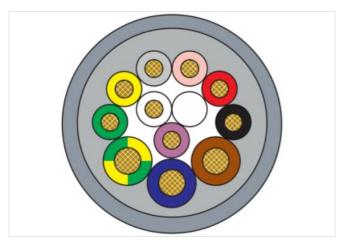


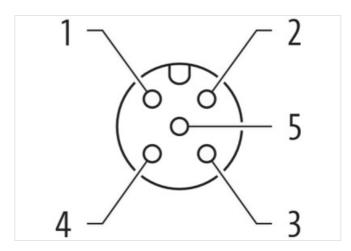


stay connected









Product may differ from Image











Header	
Material short text	MVP12N-AN8V362 5.0M
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88410-3620500
GTIN	4048879054263
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	4048879054263
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Diagnostics	
LED display	digital PNP signals, Power
Installation Connection	
Mounting set	M12 x 1
	MILE A 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67, IP65
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
	-20 °C
Operating temperature min.	70 °C
Operating temperature max. Additional condition temperature range	depending on cable quality
	depending on cable quality
Installation Cable	
Cable identification	362
Cable Type	2
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	2 wires stranded with filler
Amount stranding (type 2)	1
Stranding (type 2)	9 wires stranded around stranding combination
Filler	yes
Wire arrangement	(, white, violet,), green, yellow, gray, pink, red, black, brown, blue, green-yellow
Cable weigth Material wire insulation	105 g/m PVC
Amount wires	8
Outer diameter insulation	1.3 mm
Outer diameter insulation 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
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Diameter of single wires	0.15 mm
Diameter of single wires Conductor crosssection (wire)	0.15 mm 0.34 mm ²
	0.34 mm²
Conductor crosssection (wire)	



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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)	cadmium-free, silicone-free, lead-free, CFC-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 mm ²
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%
	PUR
Material jacket	87 ± 5 Shore A
Shore hardness jacket Freedom from ingredients (jacket)	87 ± 5 Snore A 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
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	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	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.		
PIN 3	-		
PIN 4	NO S 1		
PIN 5	PE		