

EXACT12, 8XM12, 4 POLE MOULDED CABLE

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

Art.No.: 8000-88411-3620500

Weight: 0.680 kg Country of origin: DE

Model designation: MVP12N-AN8V362 5.0M-NP

4-pole

for NPN signals 24 V DC

Further cable lengths on request.

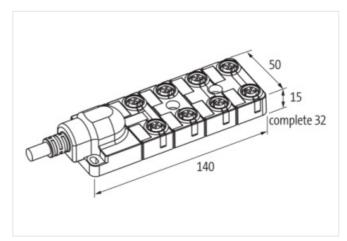
Plastic housings with good resistance against chemicals and oils.

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

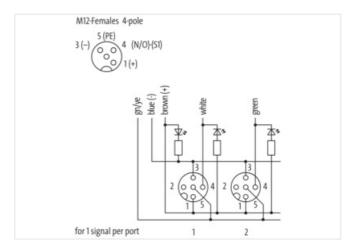
Link to Product

Illustration



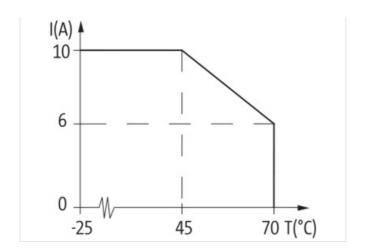


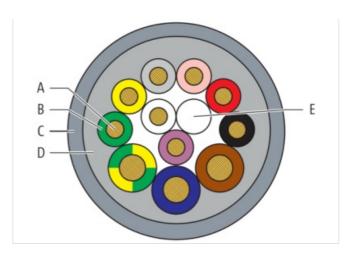


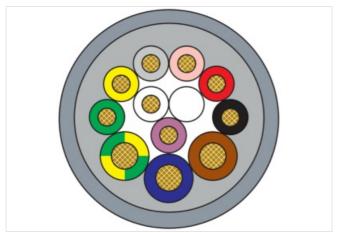


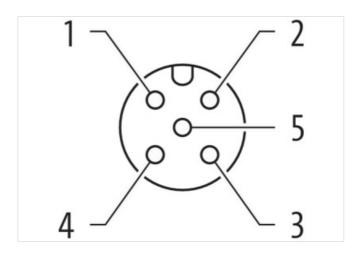


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Product may differ from Image











Header	
Material short text	MVP12N-AN8V362 5.0M-NP
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88411-3620500
GTIN	4048879054232
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 130 27440108 ECLASS 140 27440108 ETIM 50 ECO02585 ETIM 70 ECO02585 ETIM 80 ECO02585 Customs tariff number 85444290 EAN 4048975054292 EAN 4048975054292 EAN 44 Device protection I Electrical Post Protection I Electrical State I Supply Device protection I Electrical Supply Post I PRS Device protection I Electrical Supply Post I PRS Device protection I Electrical Supply Protection I Supply I PRS Device protection I Electrical Supply I PRS Protection I Supply I PRS Device protection I Electrical Supply I PRS Protection I Supply I PRS Device protection I Media Protection I Supply I PRS Petrol protection I Media Protection I Supply I PRS Environmental characteristics I Climatic Protection I Supply I PRS Environmental characteristics I Climatic Protection I Supply I PRS Environmental characteristics I Climatic Protection I Supply I PRS Institution I Cable Supply I PRS Cable I derinfection I Supply		
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ETM 6.0 ECXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
ETM 7.0 ECXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
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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	Material conductor wire	Stranded copper wire, bare
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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	Material wire insulation (type 2)	PVC
2) ± 0,1 min Shore hardness wire insulation (type 2) 43 ± 5 Shore D Material properties wire insulation (type 2) good machinability	Outer diameter wire insulation (type 2)	1,8 mm
Shore hardness wire insulation (type 2) 43 ± 5 Shore D Material properties wire insulation (type 2) good machinability		± 0,1 mm
Material properties wire insulation (type 2) good machinability		43 ± 5 Shore D
Ingredient freeness wire insulation (type 2) lead-free, cadmium-free, CFC-free, silicone-free		good machinability
	Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, silicone-free

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: 2025-12-14



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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 %
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 (standard)	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 × 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
	10 11//5 @ 23 0
Connection type 2	
Family construction form	free cable end
No. of poles	
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