

EXACT8, 10XM8, 4 POLE MOULDED CABLE

10.0m PUR 20*0,34+2*0,75 exit norm..

Art.No.: 8000-80110-4111000

Weight: 1.819

Country of origin: DE

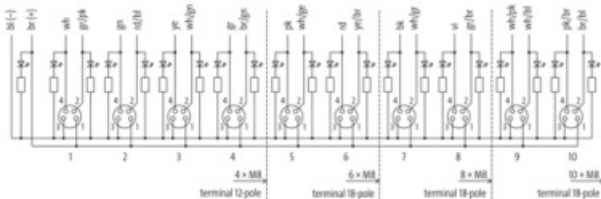
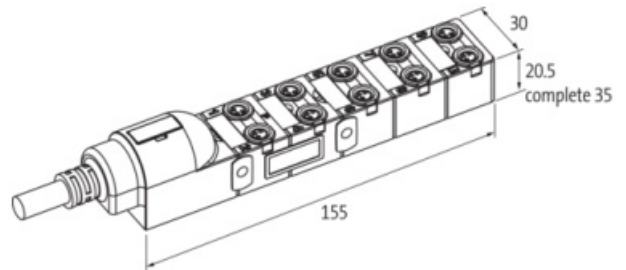
Model designation: MVP8N-AN10V411 10.0m

10.0 m

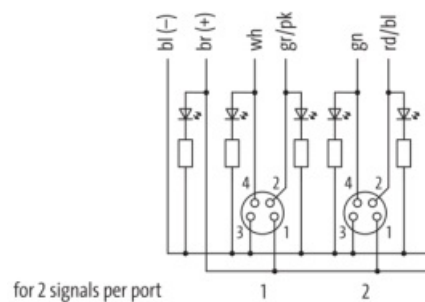
Further cable lengths on request.

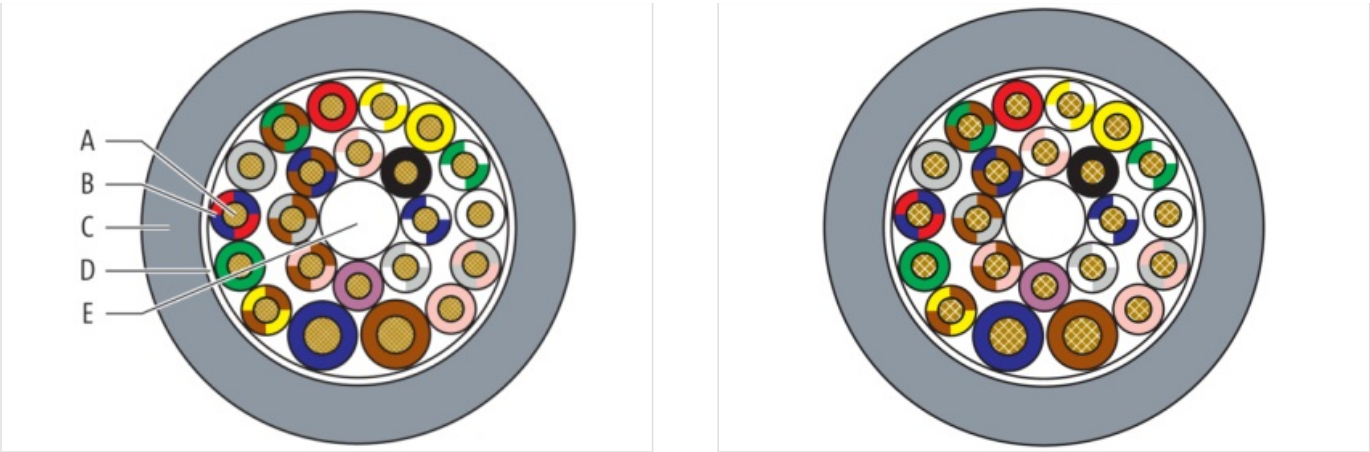
Plastic housings with good resistance against chemicals and oils.

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

[Link to Product](#)**Illustration****M8-Females 4-pole**

4 (S1) 2 (S2)
3 (-) 1 (+)





Product may differ from Image



Header	
Material short text	MVP8N-AN10V411 10.0m
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-80110-4111000
GTIN	4048879056700
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	4048879056700
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	

Number of signals per port 2

Installation | Connection

Mounting set M8 x 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

Operating temperature min. -20 °C

Operating temperature max. 80 °C

Additional condition temperature range depending on cable quality

Installation | Cable

Cable identification 411

Cable Type 3

Function cable Hybrid, Signal, Power

Amount stranding 1

Stranding Wires

Stranding factor min. 80 mm

Stranding factor max. 80 mm

Amount stranding (type 2) 1

Stranding (type 2) Wires

Stranding factor min. (type 2) 140 mm

Stranding factor max. (type 2) 140 mm

Banding Fleece

Filler yes

Wire arrangement violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (, brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink,)

Cable weight 171.6 g/m

Material wire insulation PP

Amount wires 20

Outer diameter insulation 1.3 mm

Outer diameter tolerance core insulation ± 0.05 mm

Shore hardness wire insulation 70

Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free

Amount strands (wire) 42

Diameter of single wires 0.1 mm

Conductor crosssection (wire) 0.34 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Material wire insulation (type 2) PP

Outer diameter wire insulation (type 2) 1.8 mm

Tolerance outer diameter wire insulation (type 2) ± 0.05 mm

Shore hardness wire insulation (type 2) 70

Ingredient freeness wire insulation (type 2) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free

Amount wires (type 2) 2

Amount strands wire (type 2) 96

Diameter of single wires (type 2) 0.1 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 6
Material wire insulation (type 3)	PP
Outer diameter wire insulation (type 3)	1.8 mm
Tolerance outer diameter wire insulation (type 3)	± 0.05 mm
Shore hardness wire insulation (type 3)	70
Ingredient freeness wire insulation (type 3)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Amount wires (type 3)	2
Amount strands wire (type 3)	96
Diameter of single wires (type 3)	0.1 mm
Wire conductor cross section (type 3)	0.75 mm²
Material conductor wire (type 3)	Stranded copper wire, bare
Conductor type wire (type 3)	strand class 6
Outer-diameter (jacket)	11.3 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90
Freedom from ingredients (jacket)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	57 Ω/km @ 20 °C
Conductor resistance (wire type 2)	26 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)	500 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)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	60 °C
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C

Connection type 2

Family construction form	free cable end
No. of poles	20
Family construction form	M8
No. of poles	4
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 2	S 2
PIN 3	-

PIN 4

S 1