

**EXACT8, 10XM8, 3 POLE MOULDED CABLE**

10.0m PUR 10\*0,34+2\*0,75 exit norm..

Art.No.: 8000-80010-3841000

Weight: 1.287 kg

Country of origin: DE

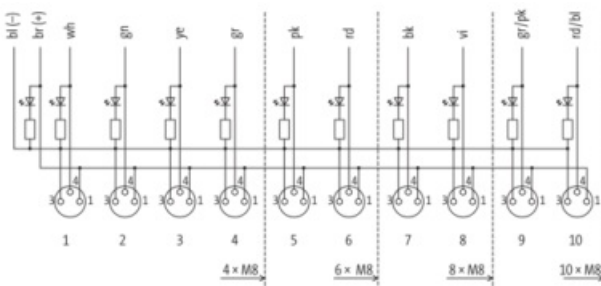
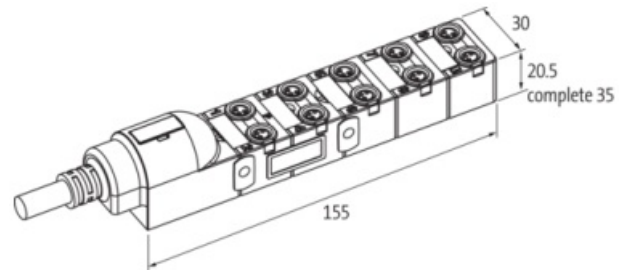
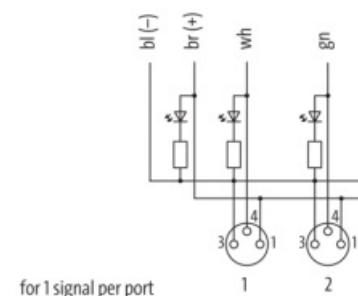
Model designation: MVP8N-AN10D384 10.0m

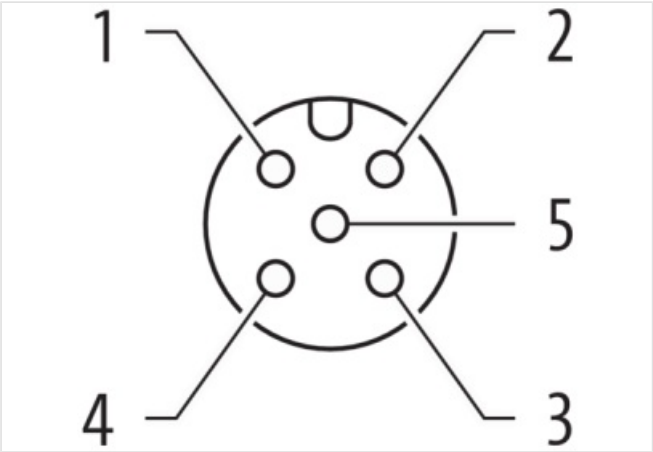
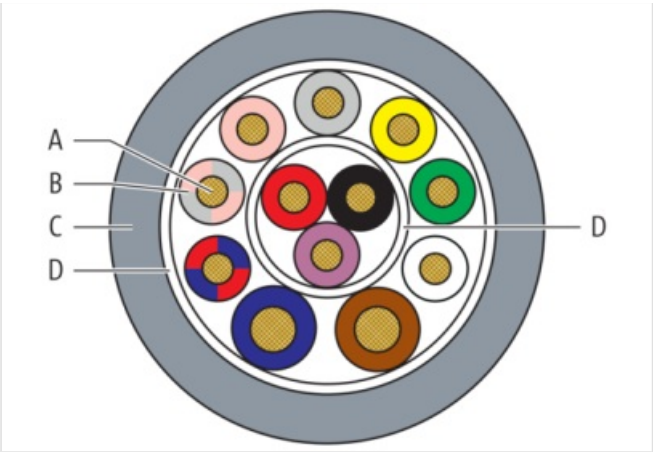
10-way, 3-pole

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****M8-Females 3-pole**



Product may differ from Image



Header	
Material short text	MVP8N-AN10D384 10.0m
Commercial data	
URL Webshop	<a href="https://shop.murrelektronik.com/8000-80010-3841000">https://shop.murrelektronik.com/8000-80010-3841000</a>
GTIN	4048879056984
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	4048879056984
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
<b>Industrial Communication</b>	
Number of signals per port	1
<b>Installation   Connection</b>	
Mounting set	M8 x 1
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP67, IP65
<b>Device protection   Media</b>	
Flame resistance	flame retardant
<b>Mechanical data   Material data</b>	
Material housing	Plastic
<b>Mechanical data   Mounting data</b>	
Mounting method	Schraubgewinde
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
<b>Installation   Cable</b>	
Cable identification	384
Cable Type	3
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	Wires
Stranding factor min.	51 mm
Stranding factor max.	51 mm
Amount stranding (type 2)	1
Stranding (type 2)	Wires
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Wire arrangement	red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Cable weighth	110 g/m
Material wire insulation	PP
Amount wires	10
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-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 3)	PP
Outer diameter wire insulation (type 3)	1,8 mm
Tolerance outer diameter wire insulation (type 3)	± 0,1 mm
Shore hardness wire insulation (type 3)	70 ± 5 Shore D
Ingredient freeness wire insulation (type 3)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-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)	9,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	57 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
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	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
Other resistances	resistant to hydrolysis, resistant to microbes
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	12
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+

PIN 3	-
PIN 4	S