

**EXACT8, 8XM8, 3 POLE MOULDED CABLE**

5.0m PUR 8x0,34+2x0,75, UL/CSA

Art.No.: 8000-88010-3590500

Weight: 0.677

Country of origin: DE

Model designation: MVP8N-AN8D359 5.0M

8-way, 3-pole

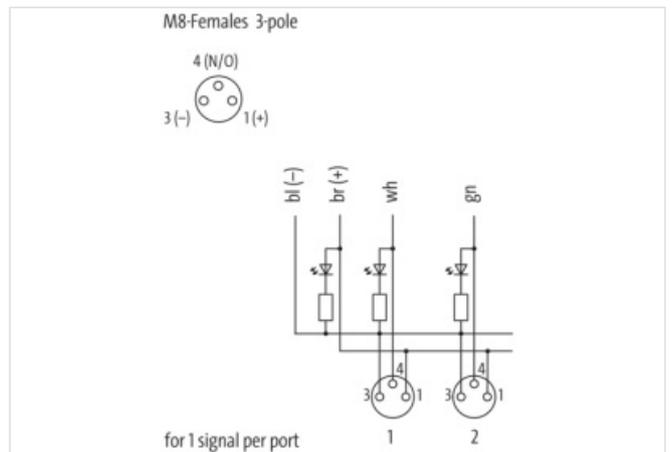
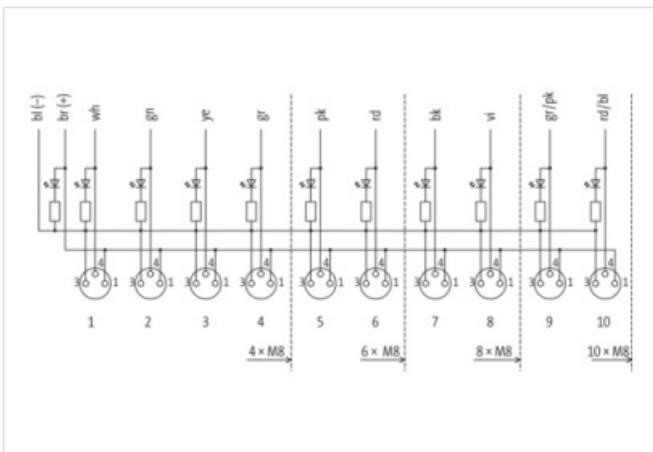
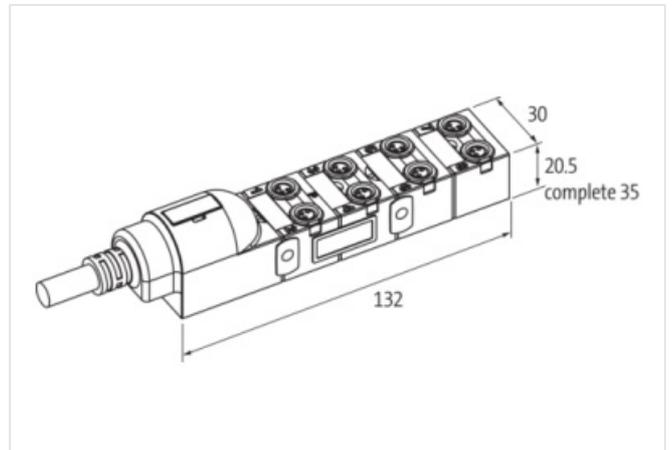
Further cable lengths on request.

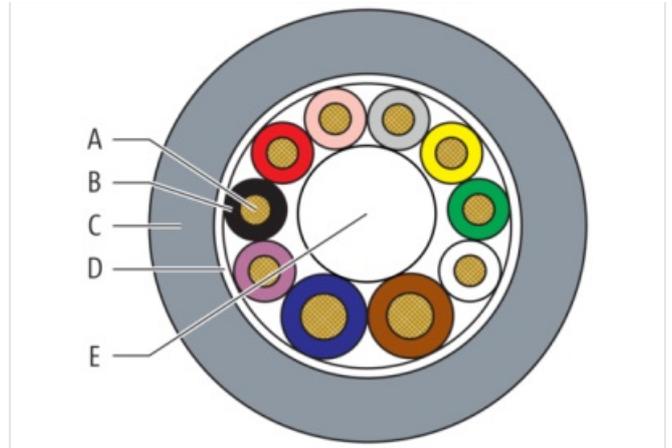
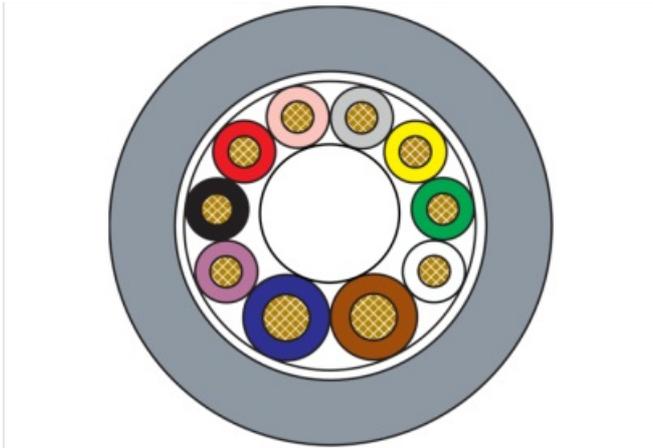
Plastic housings with good resistance against chemicals and oils.

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

[Link to Product](#)

**Illustration**





Product may differ from Image



**Header**

Material short text MVP8N-AN8D359 5.0M

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/8000-88010-3590500">https://shop.murrelektronik.com/8000-88010-3590500</a>
GTIN	4048879054737
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
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	4048879054737
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 1

#### 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 359

Cable Type 3

Function cable Hybrid, Signal, Power

Amount stranding 1

Stranding Wires

Banding Fleece

Filler yes

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

Cable weight 100 g/m

Material wire insulation PP

Amount wires 8

Outer diameter insulation 1.5 mm

Outer diameter tolerance core insulation  $\pm 0.05$  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 mm<sup>2</sup>

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)  $\pm 0.05$  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 mm<sup>2</sup>

Material conductor wire (type 3) Stranded copper wire, bare

Conductor type wire (type 3) strand class 6

Outer-diameter (jacket) 9.2 mm

Tolerance outer diameter (sheath)  $\pm 5$  %

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 $\Omega$ /km @ 20 °C
Conductor resistance (wire type 3)	26 $\Omega$ /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 carrying capacity min. wire (type 3)	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/s <sup>2</sup> @ 25 °C