

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

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

Art.No.: 8000-88010-3590500

Weight: 0.677 kg

Country of origin: DE

Model designation: MVP8N-AN8D359 5.0M

8-way, 3-pole

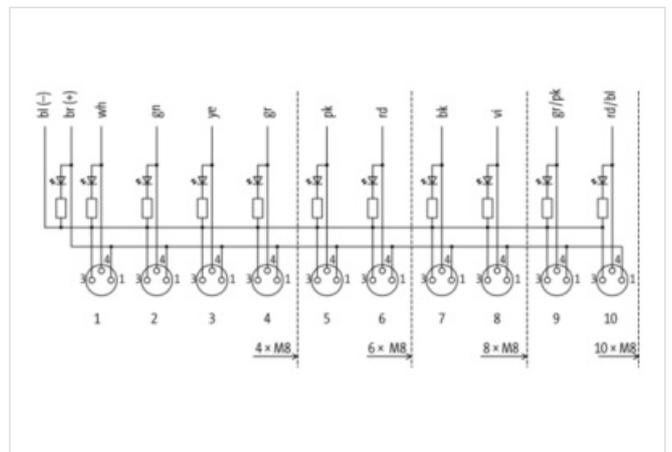
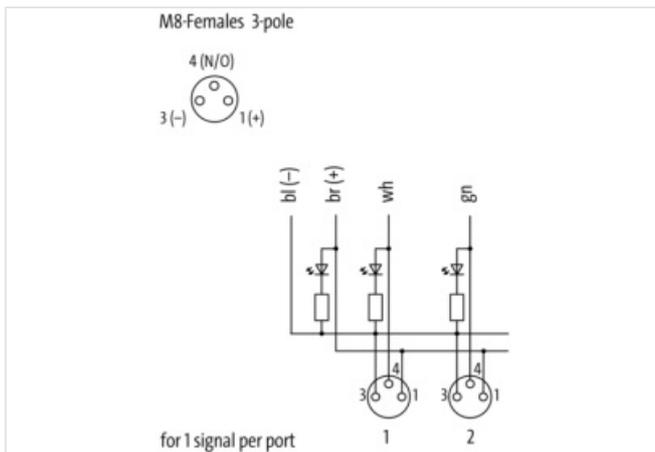
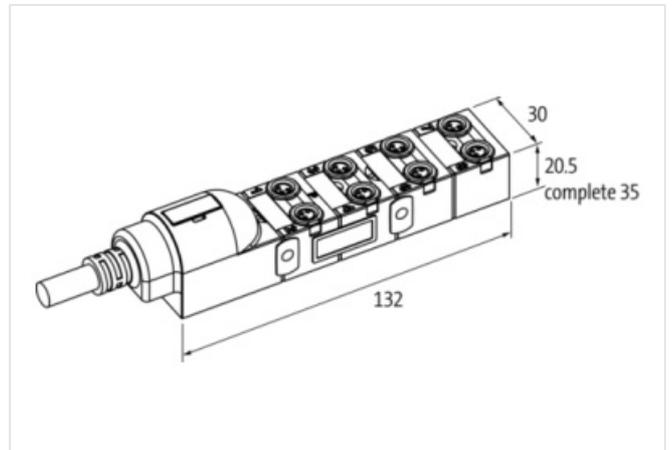
Further cable lengths on request.

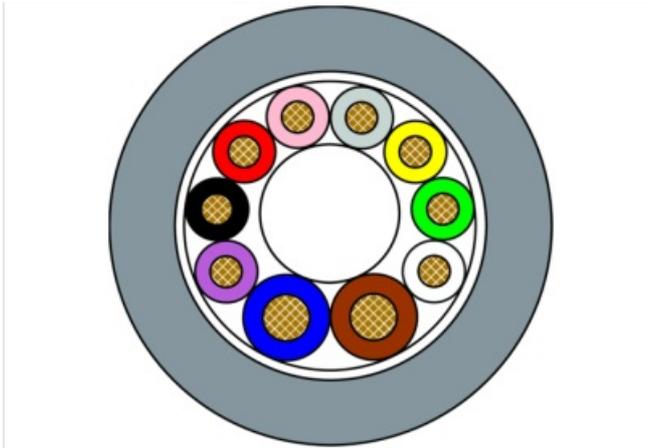
Plastic housings with good resistance against chemicals and oils.

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

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/8000-88010-3590500">https://shop.murrelektronik.com/8000-88010-3590500</a>
GTIN	4048879054737
Customs tariff number	85444290
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
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**Installation | Connection**

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: 2026-05-04

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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**

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

Cable weight 100 g/m

UL AWM Style 20549 / 10493

Stranding 1 × 10 wires around core filler twisted

Banding Fleece

Filler Yes

Wire arrangement BN, BU, VT, BK, RD, PK, GY, YE, GN, WH

Electrical function wire Signal

Material wire insulation PP

Amount wires 8

Outer diameter insulation 1.5 mm ± 0.05 mm

Conductor crosssection (wire) 0,34 mm<sup>2</sup>

Material conductor wire Stranded copper wire, bare

Core construction (wire) 42 × 0.1 mm

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

Electrical function wire (type 2) Power

Material wire insulation (type 2) PP

Amount wires (type 2) 2

Outer diameter wire insulation (type 2) 1.8 mm ± 0.05 mm

Conductor crosssection (wire type 2) 0,75 mm<sup>2</sup>

Material conductor wire (type 2) Stranded copper wire, bare

Core construction (wire type 2) 96 × 0.1 mm

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

Material jacket PUR

Outer-diameter (jacket) 9.2 mm ± 5 %

Jacket Color gray / RAL 7040

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 2) 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 max. (wire) 4 A

Current load capacity max. Wire (type 2)	12 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (drag chain)	-5 °C ... 60 °C
Flame resistance	IEC 60332-1-2
Oil resistance	ISO 19642-3
Chemical resistance	ISO 19642-3
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistance to gasoline (ISO 19642-3), resistant to mineral oils, greases, machine and gear oils and cooling lubricants, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
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