

EXACT8, 8XM8, 3 POLE MOULDED CABLE

10.0m PUR 8x0,34+2x0,75, UL/CSA

Art.No.: 8000-88010-3591000

Weight: 1.184 kg

Country of origin: DE

Model designation: MVP8N-AN8D359 10.0M

8-way, 3-pole

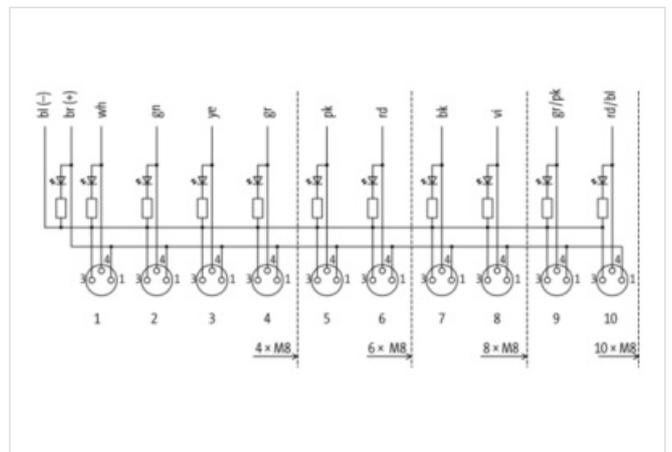
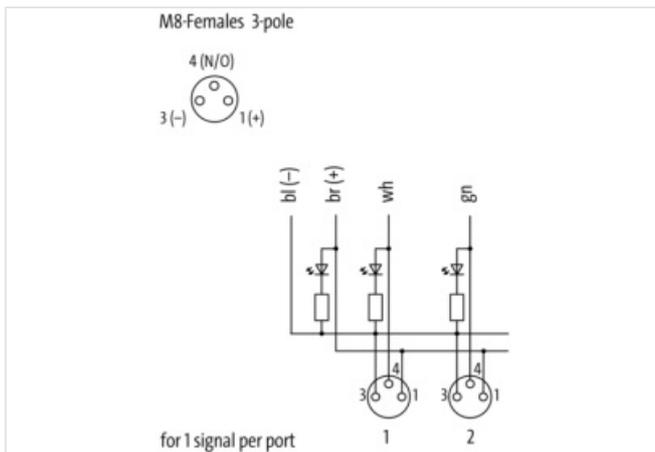
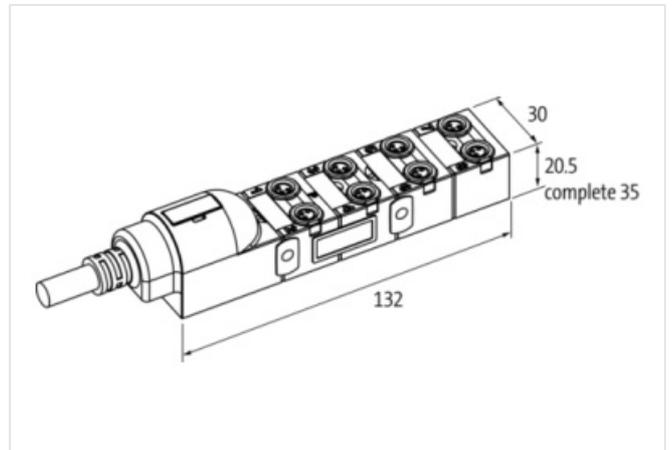
Further cable lengths on request.

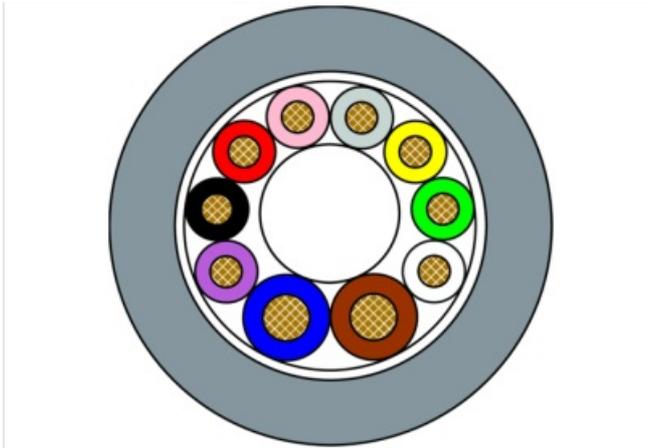
Plastic housings with good resistance against chemicals and oils.

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 | https://shop.murrelektronik.com/8000-88010-3591000 |
| GTIN | 4048879054720 |
| 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 | 4048879054720 |
| 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

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 mm²

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 mm²

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 ² @ 25 °C |