

EXACT8, 8XM8, 3 POLE MOULDED CABLE

10.0m PUR 8x0,34+2x0,75 NPN-LED's

Art.No.: 8000-88011-3591000

Weight: 1.184 kg

Country of origin: DE

Model designation: MVP8N-AN8D359 10.0m-NP

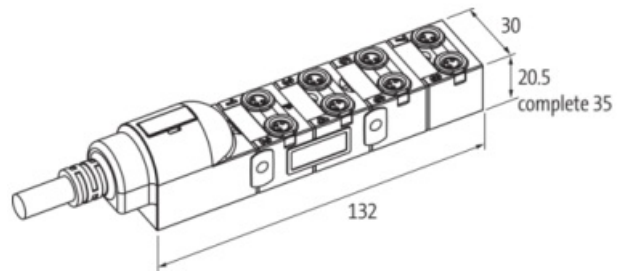
8-way, 3-pole

for NPN signals 24 V DC

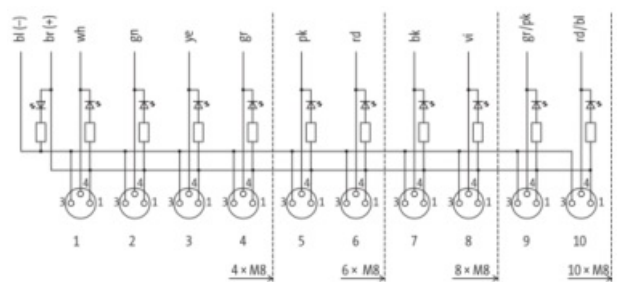
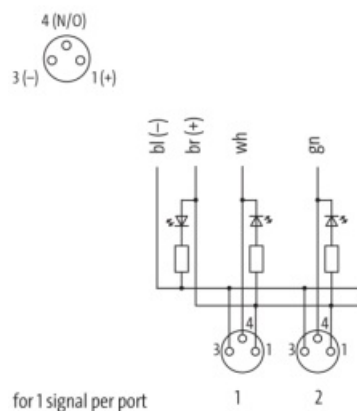
Further cable lengths on request.

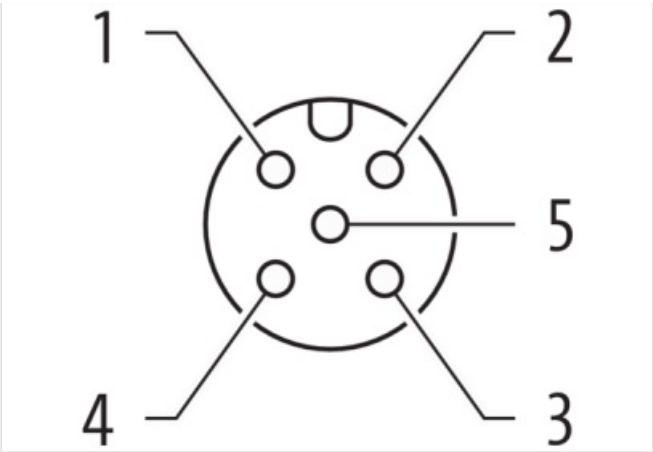
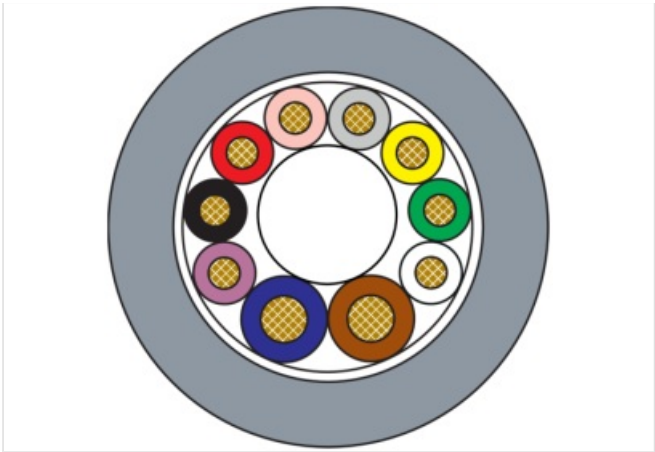
Plastic housings with good resistance against chemicals and oils.

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-AN8D359 10.0m-NP

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-88011-3591000
GTIN	4048879054690
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	4048879054690
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

Stranding 1 × 10 wires around core filler twisted

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 ± 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

Electrical function wire Signal

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 Shore D ± 5 Shore D

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

Electrical function wire (type 2) Power

Outer-diameter (jacket) 9,2 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 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 (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4 A
Current load capacity max. 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
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
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	10
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 3	-
PIN 4	S