

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

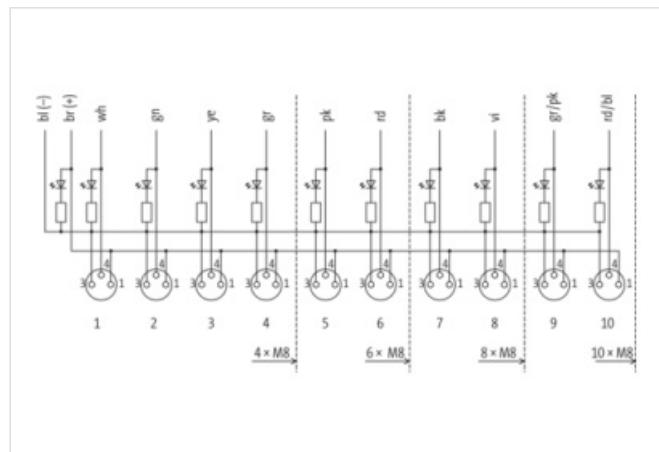
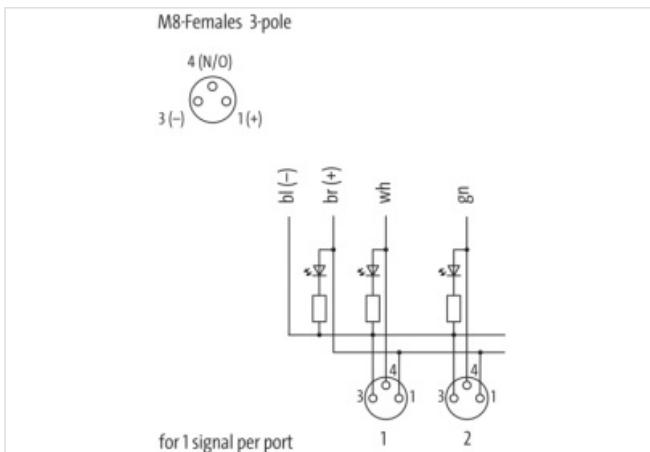
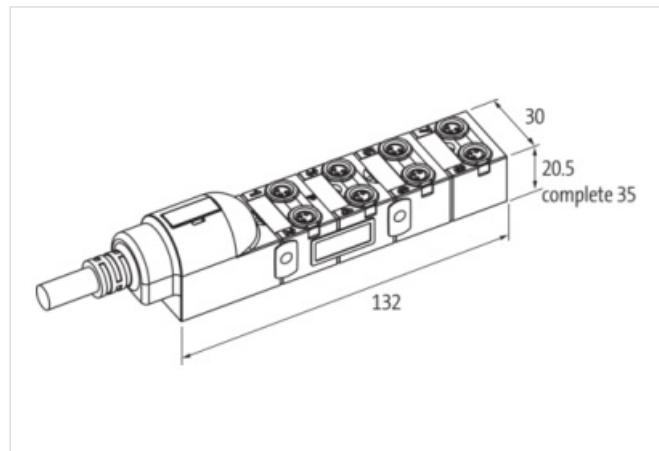
Further cable lengths on request.

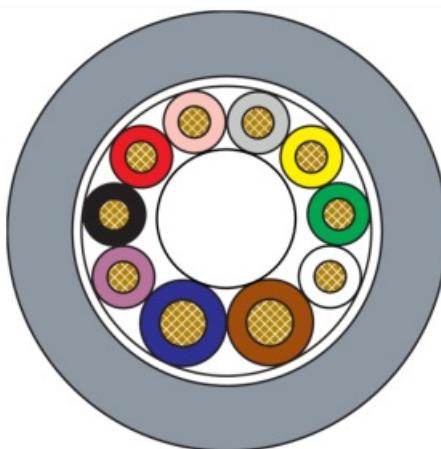
Plastic housings with good resistance against chemicals and oils.

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



Header

Material short text MVP8N-AN8D359 5.0M

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-88010-3590500
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
Stranding	1 x 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 mm ²
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 mm ²
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