

EXACT8, 6XM8, 3 POLE PRE-WIRED CABLE

3.0m PUR/PVC 6*0,34+2*0,75

Art.No.: 8000-86010-3500300

Weight: 0.4

Country of origin: DE

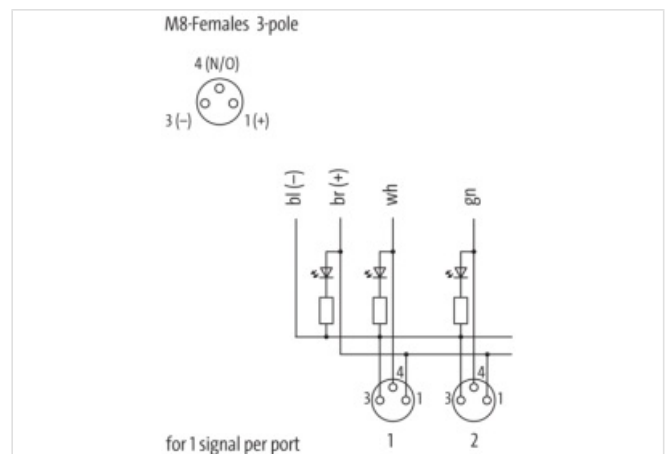
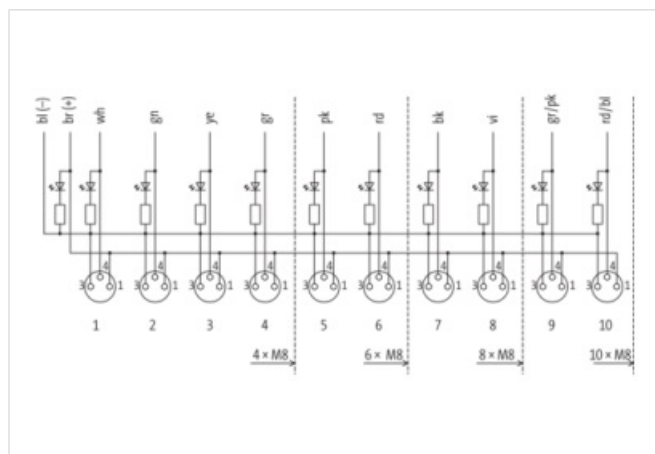
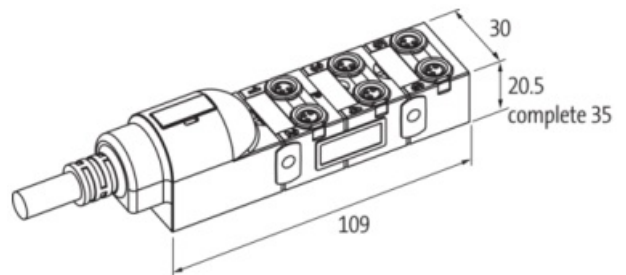
Model designation: MVP8N-AN6D350 3.0M

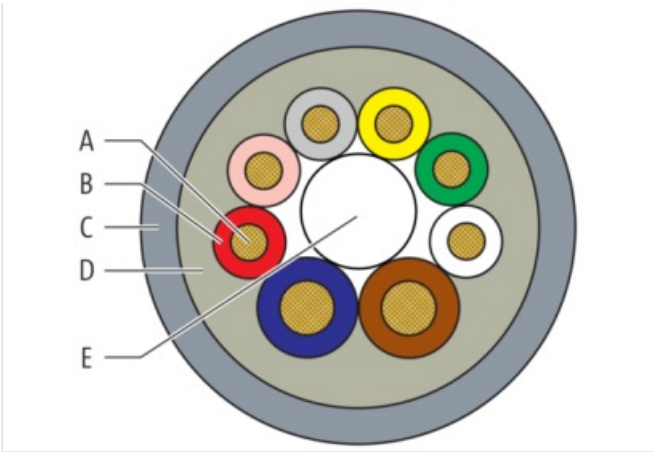
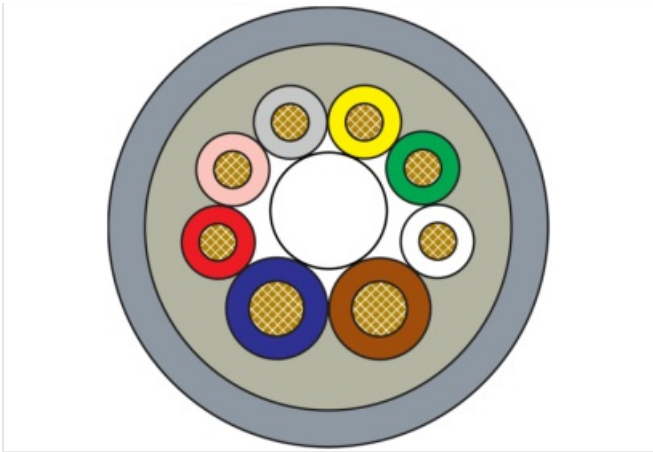
6-way, 3-pole

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-AN6D350 3.0M

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-86010-3500300
GTIN	4048879055291
ECLASS-6.0	27279219
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	4048879055291
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 350

Cable Type 2

Function cable Hybrid, Signal, Power

Amount stranding 1

Stranding 8 wires around core filler twisted

Filler yes

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

Cable weight 86 g/m

Material wire insulation PVC

Amount wires 6

Outer diameter insulation 1.3 mm

Outer diameter tolerance core insulation ± 0.1 mm

Shore hardness wire insulation 43 5 Shore D

Material properties wire insulation good machinability

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

Amount strands (wire) 19

Diameter of single wires 0.15 mm

Conductor crosssection (wire) 0.34 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) Strand class 5

Material wire insulation (type 2) PVC

Outer diameter wire insulation (type 2) 1.8 mm

Tolerance outer diameter wire insulation (type 2) ± 0.1 mm

Material properties wire insulation (type 2) good machinability

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

Amount wires (type 2) 2

Amount strands wire (type 2) 24

Diameter of single wires (type 2) 0.2 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 5

Electrical function wire (type 2) Power

Shore hardness wire insulation (type 3) 43

Outer-diameter (jacket) 7.8 mm

Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	87 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Material inner jacket	PVC
Color (inner jacket)	gray
Conductor resistance (wire)	57 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	300 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	4.2 A
Current load capacity min. Wire (type 2)	12 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	60 °C
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	resistant to hydrolysis, resistant to microbes, good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C