

**EXACT8, 4XM8, 4 POLE MOULDED CABLE**

3.0m PUR 8x0,34+2x0,75, UL/CSA

Art.No.: 8000-84110-3600300

Weight: 0.431

Country of origin: DE

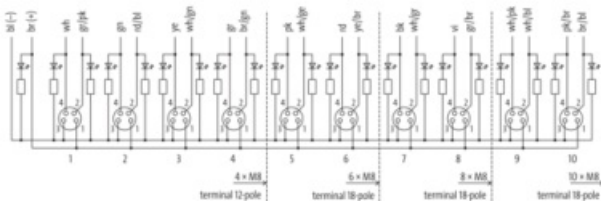
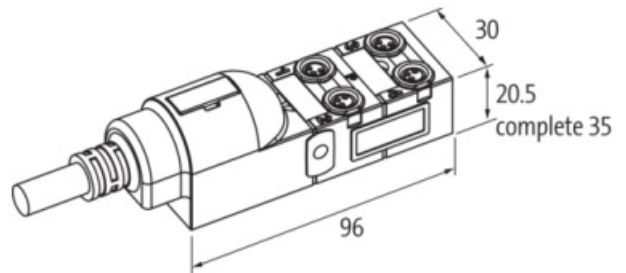
Model designation: MVP8N-AN4V360 3.0M

3.0 m

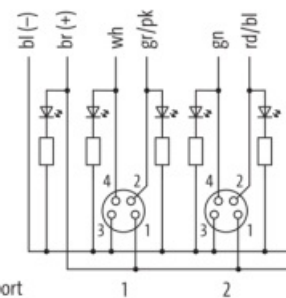
Further cable lengths on request.

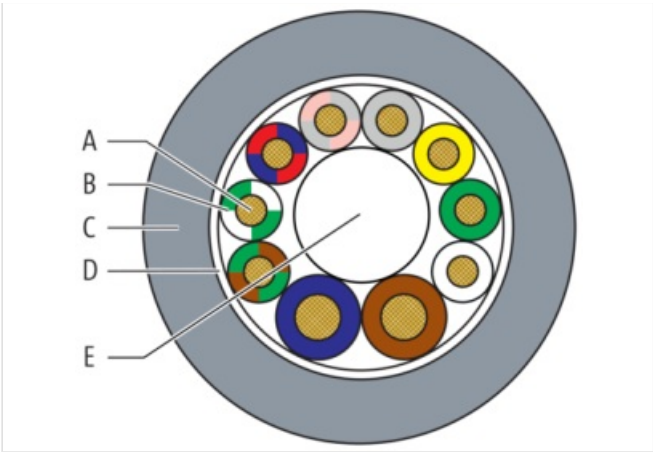
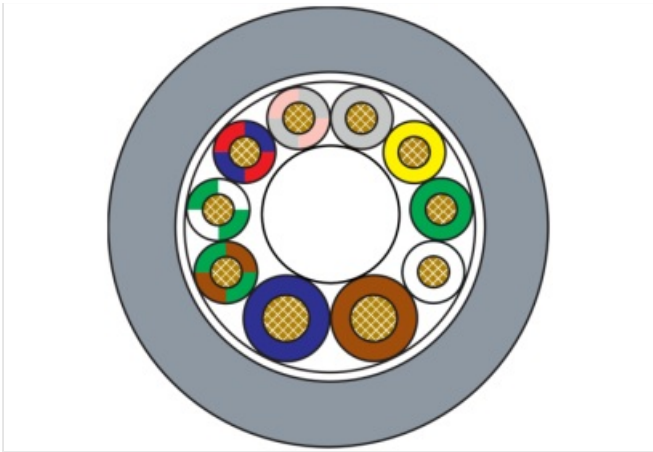
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration****M8-Females 4-pole**

4 (S1) 2 (S2)  
3 (-) 1 (+)





Product may differ from Image



Header

Material short text MVP8N-AN4V360 3.0M

Commercial data

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/8000-84110-3600300">https://shop.murrelektronik.com/8000-84110-3600300</a> |
| GTIN                  | 4048879056236                                                                                                       |
| 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                   | 4048879056236                                                                                                       |
| 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 2

#### 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 360

Cable Type 3

Function cable Hybrid, Signal, Power

Amount stranding 1

Stranding Wires

Banding Fleece

Filler yes

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

Cable weight 110 g/m

Material wire insulation PP

Amount wires 8

Outer diameter insulation 1.5 mm

Outer diameter tolerance core insulation  $\pm 0.05$  mm

Shore hardness wire insulation 70

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

Amount strands (wire) 42

Diameter of single wires 0.1 mm

Conductor crosssection (wire) 0.34 mm<sup>2</sup>

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Material wire insulation (type 3) PP

Outer diameter wire insulation (type 3) 1.8 mm

Tolerance outer diameter wire insulation (type 3)  $\pm 0.05$  mm

Shore hardness wire insulation (type 3) 70

Ingredient freeness wire insulation (type 3) CFC-free, cadmium-free, halogen-free, lead-free

Amount wires (type 3) 2

Amount strands wire (type 3) 96

Diameter of single wires (type 3) 0.1 mm

Wire conductor cross section (type 3) 0.75 mm<sup>2</sup>

Material conductor wire (type 3) Stranded copper wire, bare

Conductor type wire (type 3) Strand class 5

Outer-diameter (jacket) 9.2 mm

Tolerance outer diameter (sheath)  $\pm 5$  %

Material jacket PUR

Shore hardness jacket 90

|                                              |                                                                           |
|----------------------------------------------|---------------------------------------------------------------------------|
| Freedom from ingredients (jacket)            | LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free |
| Material property (jacket)                   | matte, good machinability, abrasion-resistant, low adhesion               |
| Conductor resistance (wire)                  | 57 $\Omega$ /km @ 20 °C                                                   |
| Conductor resistance (wire type 3)           | 26 $\Omega$ /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 min. wire              | 4 A                                                                       |
| Current carrying capacity min. wire (type 3) | 12 A                                                                      |
| Min. operating temperature (static)          | -40 °C                                                                    |
| Max. operating temperature (fixed)           | 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                                                                     |
| 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             | 4              |
| Coding                   | A              |
| Gender                   | female         |
| Color contact carrier    | black          |
| PIN 1                    | +              |
| PIN 2                    | S 2            |
| PIN 3                    | -              |
| PIN 4                    | S 1            |