

EXACT12, 8XM12, 4 POLE, MOULDED CABLE

25.0m PUR 8x0.5+3x1.0, UL/CSA

Art.No.: 8000-88410-4472500

Weight: 3.49

Country of origin: DE

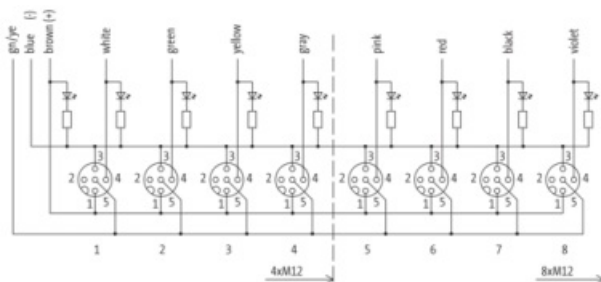
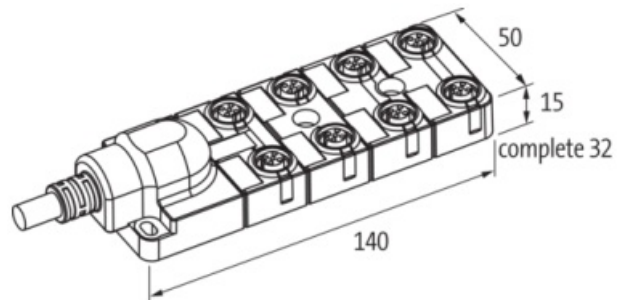
Model designation: MVP12N-AN8V447 25.0M

8-way, 4-pole

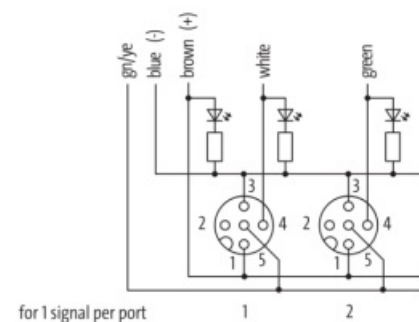
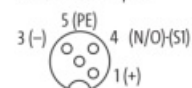
Further cable lengths on request.

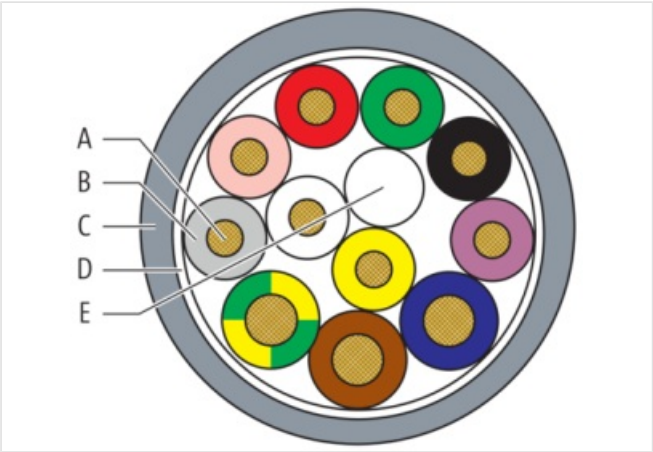
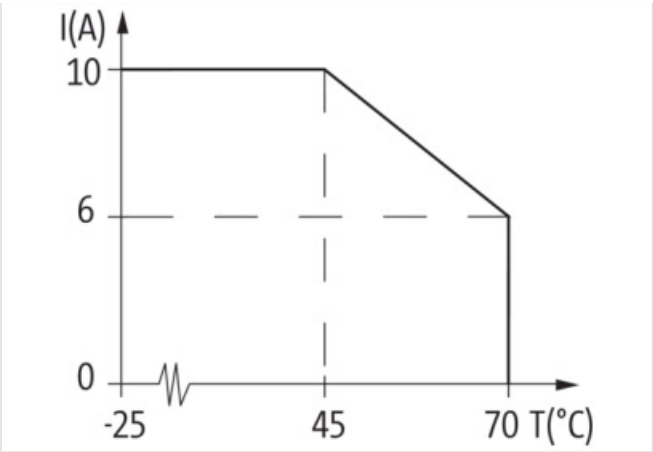
Plastic housings with good resistance against chemicals and oils.

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

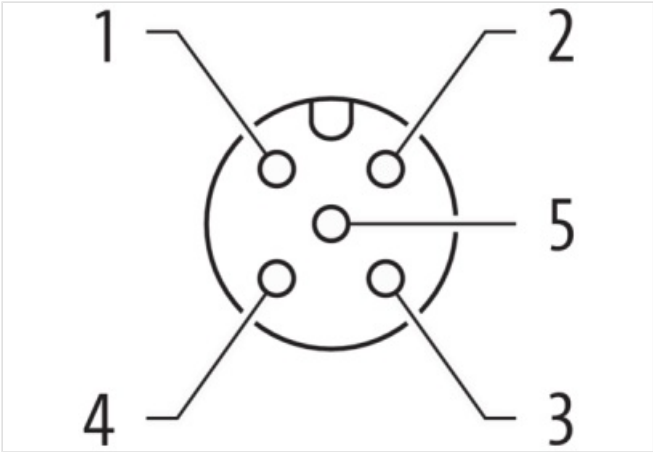
[Link to Product](#)**Illustration**

M12-Females 4-pole





Product may differ from Image



Header	
Material short text	MVP12N-AN8V447 25.0M
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88410-4472500
GTIN	4048879309103
ECLASS-6.0	27143423
ECLASS-7.0	27449001
ECLASS-8.0	27279219
ECLASS-9.0	27440321
ETIM-5.0	EC002585
ETIM-6.0	EC002585
ETIM-7.0	EC002585
ETIM-8.0	EC002585
customs tariff number	85444290
EAN	4048879309103
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V

Current operating per contact max. 4 A

Installation | Connection

Mounting set M12 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. 70 °C

Additional condition temperature range depending on cable quality

Installation | Cable

Cable identification 447

Function cable Hybrid, Signal, Power

Amount stranding 1

Stranding Wires

Stranding factor min. 51 mm

Stranding factor max. 51 mm

Amount stranding (type 2) 1

Stranding (type 2) Wires

Stranding factor min. (type 2) 100 mm

Stranding factor max. (type 2) 100 mm

Filler yes

Wire arrangement white, yellow, (, gray, pink, red, green, black, violet, blue, brown, green-yellow,)

Cable weight 146.3 g/m

Material wire insulation PP

Amount wires 8

Outer diameter insulation 1.6 mm

Outer diameter tolerance core insulation ± 0.1 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) 64

Diameter of single wires 0.1 mm

Conductor crosssection (wire) 0.5 mm²

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) 2.1 mm

Tolerance outer diameter wire insulation (type 3) ± 0.1 mm

Shore hardness wire insulation (type 3) 70

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

Amount wires (type 3) 3

Amount strands wire (type 3) 128

Diameter of single wires (type 3) 0.1 mm

Wire conductor cross section (type 3) 1 mm²

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

Conductor type wire (type 3) strand class 6

Outer-diameter (jacket)	9.4 mm
Tolerance outer diameter (sheath)	± 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)	39 Ω/km @ 20 °C
Conductor resistance (wire type 3)	19.5 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 min. wire	5.9 A
Current carrying capacity min. wire (type 3)	15 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	11
Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NO S 1
PIN 5	PE