

EXACT12, 4XM12, 5-POLE, MOULDED CABLE

10.0m PUR 8x0,5+3x1,0, UL/CSA

Art.No.: 8000-84510-4481000

Weight: 1.500 kg

Country of origin: DE

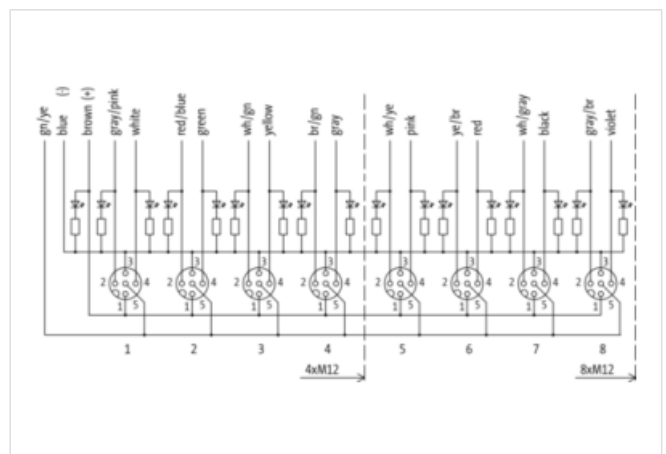
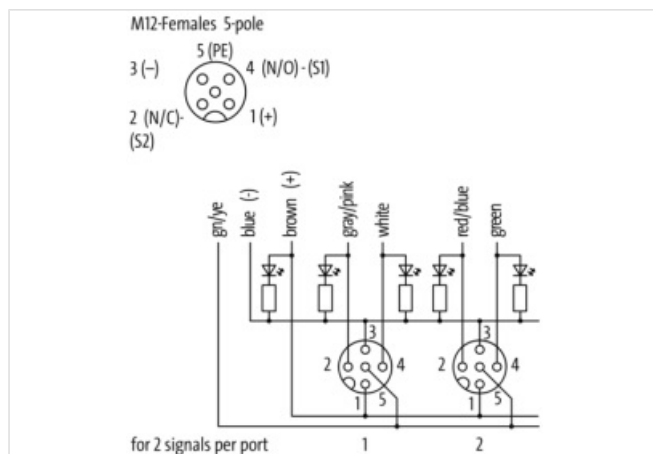
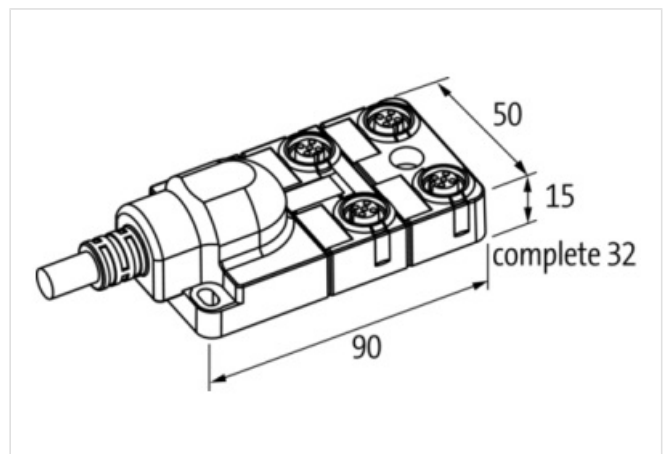
Model designation: MVP12N-AN4F448 10.0M

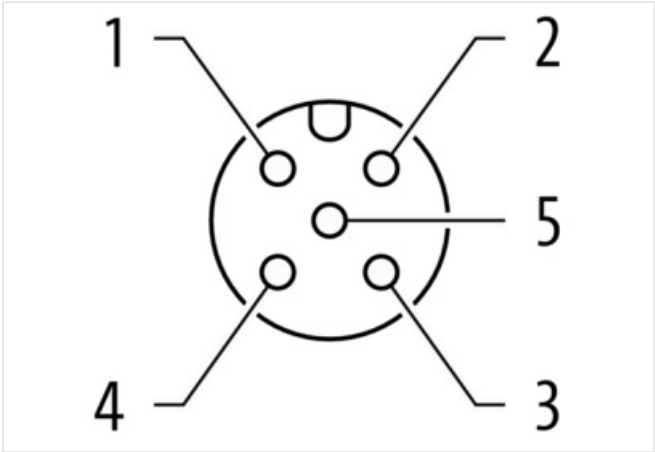
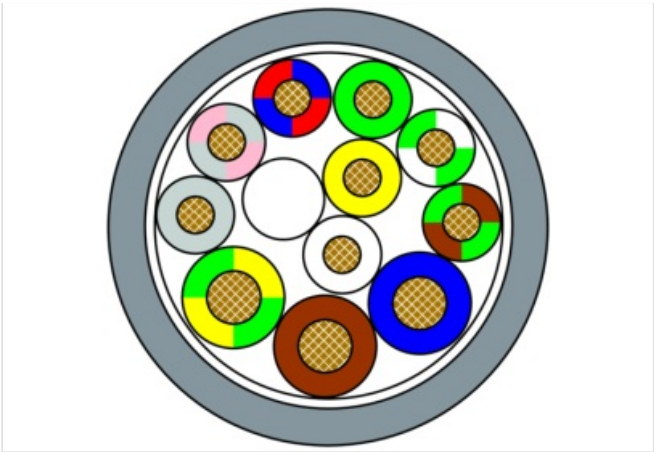
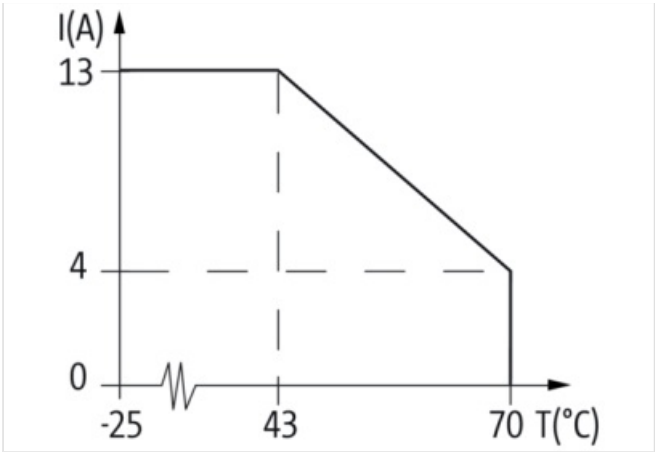
4-way, 5-pole

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



Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-84510-4481000
GTIN	4048879055765
Customs tariff number	85444290
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	4048879055765
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	
housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Cable length	10 m
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Stranding	1 × 2 wires stranded with filler
Stranding factor min.	51 mm
Stranding factor max.	51 mm
Stranding (type 2)	1 × 9 wires stranded in opposite direction
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Filler	Yes
Wire arrangement	(YE, WH), GY, GYPK, RDBU, GN, GNWH, BNGN, BU, BN, GNYE
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.6 mm ± 0.1 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	64 × 0.1 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Material wire insulation (type 2)	PP
Amount wires (type 2)	3
Outer diameter wire insulation (type 2)	2.1 mm ± 0.1 mm
Conductor crosssection (wire type 2)	1 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Core construction (wire type 2)	128 × 0.1 mm
Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Material jacket	PUR
Outer-diameter (jacket)	9 mm ± 5 %

Jacket Color	gray / RAL 7040
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)	39 Ω /km @ 20 °C
Conductor resistance (wire type 2)	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 max. (wire)	5,9 A
Current load capacity max. Wire (type 2)	15 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (drag chain)	-5 °C ... 60 °C
Flame resistance	IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistant to mineral oils, greases, machine and gear oils and cooling lubricants, good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
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)	5 m @ 25 °C horizontal
Travel speed (C-track)	2 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C
No. of torsion cycles	0.5 Mio. @ 25 °C
Torsion stress	± 180 °/m

Connection type 2

Family construction form	free cable end
No. of poles	11
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE