

EXACT12, 8XM12, 5-POLE, MOULDED CABLE

5.0m PUR/PVC 16x0,34+3X0.75

Art.No.: 8000-88511-3980500

Weight: 1.06

Country of origin: DE

Model designation: MVP12N-AN8F398 5.0m-NP

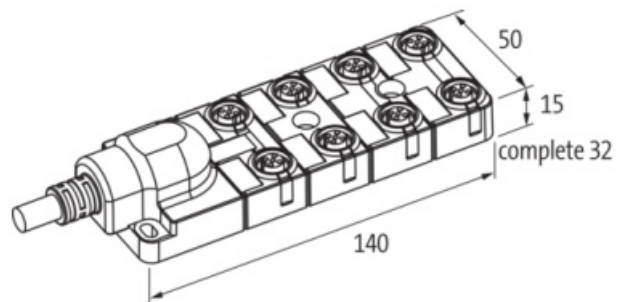
PUR/PVC

5.0 m

Further cable lengths on request.

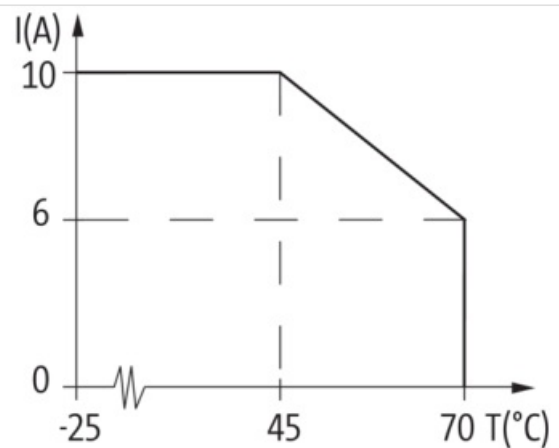
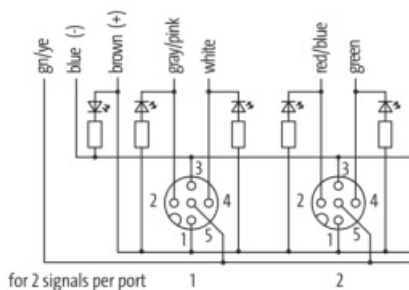
Plastic housings with good resistance against chemicals and oils.

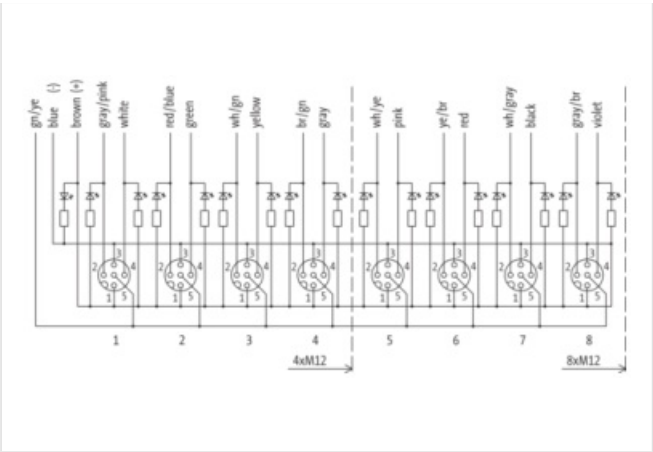
The resistance to aggressive media should be individually tested for your application. Further details on request.

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

M12-Females 5-pole

5 (PE)
3 (-) 4 (N/O) - (S1)
2 (N/C) - (S2) 1 (+)





Product may differ from Image



Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88511-3980500
GTIN	4048879053945
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
EAN	4048879053945
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 Type	2
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	Wires
Amount stranding (type 2)	1
Stranding (type 2)	Wires
Wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow,)
Cable weight	165 g/m
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1.3 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	43
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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (type 3)	PVC
Outer diameter wire insulation (type 3)	1.8 mm
Tolerance outer diameter wire insulation (type 3)	± 0.1 mm
Shore hardness wire insulation (type 3)	43
Material properties wire insulation (type 3)	good machinability
Ingredient freeness wire insulation (type 3)	CFC-free, cadmium-free, silicone-free, lead-free
Amount wires (type 3)	3
Amount strands wire (type 3)	42
Diameter of single wires (type 3)	0.15 mm
Wire conductor cross section (type 3)	0.75 mm ²
Material conductor wire (type 3)	Stranded copper wire, bare
Conductor type wire (type 3)	strand class 6
Outer-diameter (jacket)	10 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	87
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
Conductor resistance (wire type 3)	26 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 A
Current carrying capacity min. wire (type 3)	7.8 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
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

Connection type 2

Family construction form	free cable end
No. of poles	19
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