

MVP-METALL, 4XM12, 5POLE, PRE-WIRED CABLE

10.0m PUR 8x0,34+3X0.75, UL/CSA

Art.No.: 8000-54513-3731000

Weight: 1.58

Country of origin: CZ

Model designation: MVP12M-AN4F 373 10.0

4-way, 5-pole

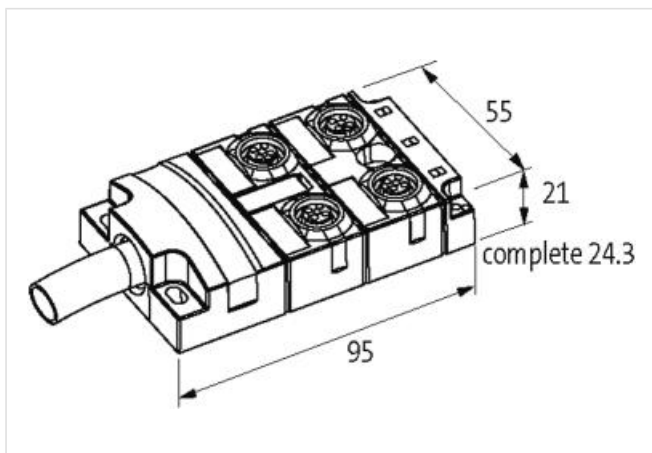
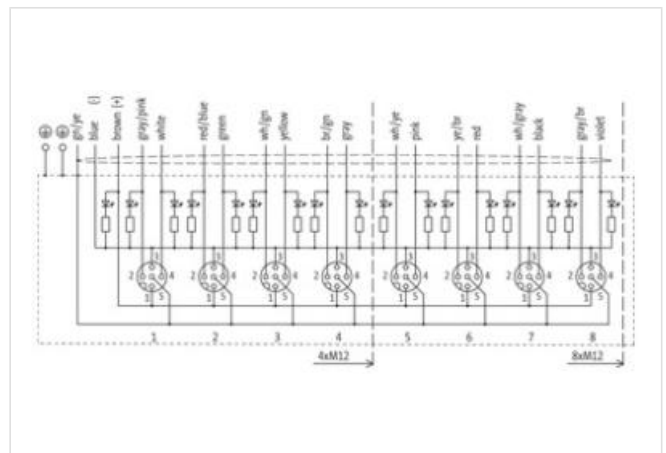
10.0 m

shielded

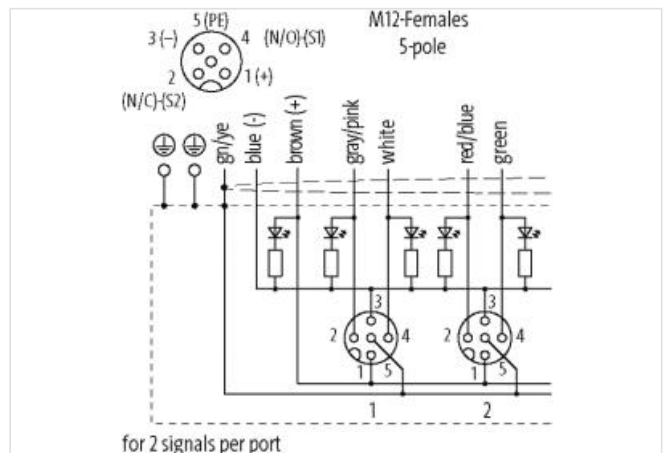
Replaces identical product (Art.No. 27483)

with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

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

Product may differ from Image

**Commercial data**

ECLASS-6.0

27279219

ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879351096
GTIN	4048879351096
Packaging unit	1
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
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP68
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Mechanical data | Material data

Material housing	Zinc die-casting
Coating housing	Nickeled

Mechanical data | Mounting data

Mounting method	Schraubgewinde
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality

Installation | Cable

Cable identification	373
Cable Type	3
Function cable	Hybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	8 wires around Stranding combination counter-rotating twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece
wire arrangement	yellow, white, green, (gray, gray-pink, red-blue, green-white, brown-green, blue, brown, green-yellow)
Cable weight	145,2 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	9,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP

Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Power)	PP
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	55 Shore D±5 Shore D
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Power)	3
Amount strands wire (Power)	96
Diameter of single wires (Power)	0,1 mm
Wire conductor cross section (Power)	0,75 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current carrying capacity min. wire (Power)	12 A
Electrical resistance line constant wire	53 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	1,8 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C

Connection type 2

Family construction form	free cable end
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The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-05-01

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No. of poles	16
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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