

MVP12 Steel F&B, 8XM12, 5POLE, PRE-WIRED CABLE

30.0m TPE-V 16x0.5+3x1.0

5-pole 15.0 m

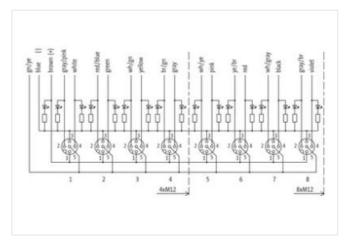
Further cable lengths on request.

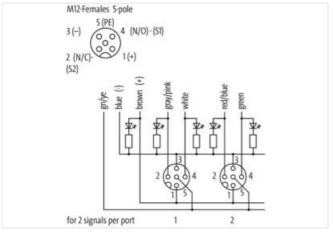
The resistance to aggressive media should be individually tested for your application. Further details on request.

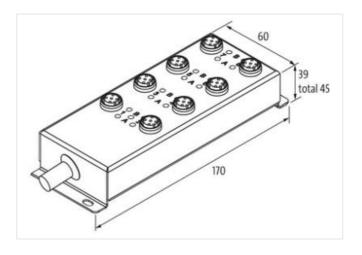
Link to Product

Illustration









Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	
ECLASS-10.1	27440108	

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: 2024-05-16



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ECLASS-120	F0 400 44 4	07440400
ETIM 5.0 CO000586 Custors Laiff number 6544280 GTIN 404807564190 Packaging unit 1 Electrical datal Suppy Current operating per contact raw. 4 A Current operating per contact raw. 4 A Mounting set M12 x 1 Device protection (Electrical PPS, IPS7, IPS8 Degree of protection (ISC 206532013) IPS8, IPS7, IPS8 Degree of protection (ISC 206532013) IPS8, IPS7, IPS8 Degree of protection (ISC 206532013) IPS8, IPS7, IPS8 Macerial housing Stainless steel 1.4404 (V4A) Macerial housing Stainless steel 1.4404 (V4A) Macerial housing Strandbygwinde Environmental characteristics Climater Very Company of the Compa	ECLASS-11.1	27440108
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Freedom from ingredients (jacket) Outer-diameter (jacket) 11,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 16 Outer diameter insulation Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation \$\pmathrm{\pm	Material jacket	TPE-V
Outer-diameter (jacket) 11,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Shore hardness jacket	80 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Outer-diameter (jacket)	11,6 mm
Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Amount wires	16
Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Outer diameter insulation	1,6 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Outer diameter tolerance core insulation	±5%
Traversing distance (C-track) 5 m @ 25 °C Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Shore hardness wire insulation	65 ± 3 Shore D
Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Traversing distance (C-track)	5 m @ 25 °C
Conductor crosssection (wire) 0,5 mm ² Material conductor wire Stranded copper wire, bare	Amount strands (wire)	64
Material conductor wire Stranded copper wire, bare	Diameter of single wires	0,1 mm
	Conductor crosssection (wire)	0,5 mm²
Conductor type (wire) strand class 6	Material conductor wire	Stranded copper wire, bare
	Conductor type (wire)	strand class 6

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Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	65 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	1 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
Color contact carrier	gray
No. of poles	19
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