

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

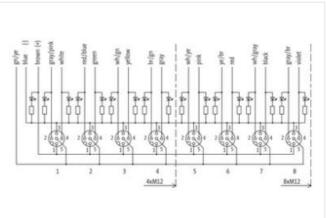
20.0m TPE-V 16x0.5+3x1.0

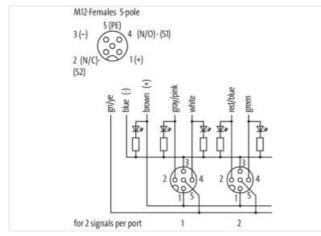
5-pole 15.0 m Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

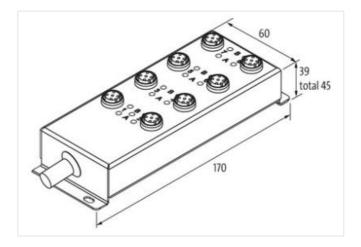
Link to Product











Product may differ from Image



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

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ECLASS-11.1 27440108 ECLASS-12.0 27440108 ETIM-5.0 EC002585 customs tariff number 85444290 GTIN 4048879554176 Packaging unit 1 Electrical data Supply 24 V	
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GTIN 4048879554176 Packaging unit 1 Electrical data Supply I	
Packaging unit 1 Electrical data Supply	
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) IP65, IP67, IP68	
Degree of protection (ISO 20653:2013) IP69K	
Additional condition protection degree inserted, screwed	
Mechanical data	
Material housing Stainless steel 1.4404 (V4A)	
Mechanical data Mounting data	
Mounting method Schraubgewinde	
Environmental characteristics Climatic	
Operating temperature min30 °C	
Operating temperature max. 80 °C	
Additional condition temperature range depending on cable quality	
Installation Cable	
Cable identification 453	
Jacket Color gray	
Type of Certificate cURus	
Amount stranding 1	
Stranding 7 wires around Core filler twisted	
Amount stranding (type 2) 1	
Stranding (type 2) 12 wires counter-rotating twisted	
Filler yes	
aray-nink brown-green vellow green-white green red-blue white (brown-gray black gray-white red	rown-
wire arrangement gray, plank, sourh green, yolev, green, yolev, green-yellow, violet)	
Cable weigth 199,1 g/m	
Material jacket TPE-V	
Shore hardness jacket 80 ± 5 Shore A	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
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	
Amount strands (wire) 64	
Diameter of single wires 0,1 mm	
Conductor crosssection (wire) 0,5 mm ²	
Material conductor wire Stranded copper wire, bare	
Conductor type (wire) strand class 6	
Traversing distance (C-track) 5 m @ 25 °C	

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Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 100 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing 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 Concetion type 2	Material wire insulation (Data)	PP
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Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) -40 °C Min. operating temperature (static) -40 °C Operating temperature (kixed) 90 °C Operating temperature (kixed) 90 °C Operating temperature max. (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 Oll resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Trave seed (C-track) 5 Mio. @ 2 ° °C Connection type 2 - Family construction form free cable end Color contact carrier gray No. of poles 19 Family construction form M12 Gender	Current load capacity min. Wire (Data)	15 A
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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 Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Tavel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end Color contact carrier gray <t< td=""><td>Electrical resistance coating wire (Data)</td><td>20 Ω/km @ 20 °C</td></t<>	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
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GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	19
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
	PIN 4	NO S 1
PIN 5 PE	PIN 5	PE

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