

## MVP12, 4XM12, 4POLE, PLUGGABLE CABLE

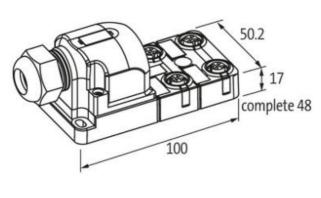
5.0m PUR/PVC 8x0,34+5x0,75, w/o LED's

4-way, 5-pole PUR/PVC 5.0 m Potential separation as option Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product







Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

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: 2024-05-02



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Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Mounting method     Schraubgewinde       Height     99.2 nm     Mounting method     Schraubgewinde       Height     99.2 nm     Mounting method     Schraubgewinde       Height     99.2 nm     Mounting method     Schraubgewinde       Brivionmental characteristics   Climatic     Common     Common     Common       Operating temperature min.     -20 °C     Common     Common     Common       Operating temperature max.     80 °C     Common     Common     Common       Installation   Cable     Common     Common     Common     Common       Cable forpic     gray     Common     Schraubgewinde     Schraubgewinde       Jacket Color     gray     Common     Schraubgewinde     Schraubgewinde       Stranding     1     Stranding     4 wires twisted     Schraubgewinde       Amount stranding (type 2)     9 wires around Stranding combination twisted     Schraubgewinde     Schraubgewinde       Stranding (type 2)     9 wires around Stranding co	Device protection   Media	
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Operating temperature max.   80 °C     Installation   Cable   374     Cable identification   374     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     STOOW style jacket   Hybrid, Signal, Power     Amount stranding   1     Stranding   4 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   9 wires around Stranding combination twisted     wire arrangement   gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)     Cable weigth   140,94 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   9,2 mm	· · ·	-20 °C
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Amount stranding1Stranding4 wires twistedAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedwire arrangementgray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray)Cable weigth140,94 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mm		
Stranding   4 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   9 wires around Stranding combination twisted     wire arrangement   gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray)     Cable weigth   140,94 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   9,2 mm		
Amount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedwire arrangementgray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray)Cable weigth140,94 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mm		· · · · · · · · · · · · · · · · · · ·
Stranding (type 2)9 wires around Stranding combination twistedwire arrangementgray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray)Cable weigth140,94 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mm		
wire arrangementgray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray)Cable weigth140,94 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mm		
wire arrangement green, gray)   Cable weigth 140,94 g/m   Material jacket PUR   Shore hardness jacket 87 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 9,2 mm	Stranding (type 2)	
Material jacket PUR   Shore hardness jacket 87 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 9,2 mm		green, gray)
Shore hardness jacket 87 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 9,2 mm		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 9,2 mm		
Outer-diameter (jacket) 9,2 mm	Shore hardness jacket	
I Olerance outer diameter (sheath) ± 5 %		
	i olerance outer diameter (sheath)	10%

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Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	5
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 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
Loop resistance	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
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	13
Family construction form	M12

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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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