

## MVP12, 8XM12, 4POLE, PLUGGABLE CABLE

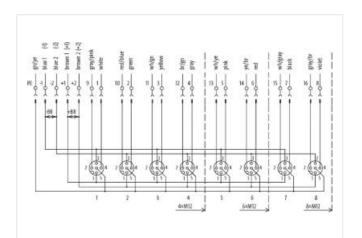
10.0m PUR/PVC 16x0,34+5x0,75, w/o LED's

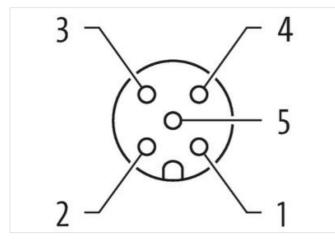
8-way, 5-pole PUR/PVC 10.0 m Potential separation as option Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









Product may differ from Image



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

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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
GTIN	4048879061629
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current at 1 time current feed-in max.	8 A
Total current at 2 times current feed-in max.	16 A
Industrial communication	
Number of signals per port	2
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Height	149,2 mm
Width	50,2 mm
Depth	17,2 mm
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation   Cable	
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)	
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
Tolerance outer diameter (sheath)	±5%

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Material inner jacket	PVC			
Color (inner jacket)	-			
Material wire insulation	gray PVC			
	8			
Amount wires Outer diameter insulation	8 1.3 mm			
	±5%			
Outer diameter tolerance core insulation				
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			
Travel speed (C-track)	5			
Traversing distance (C-track)	5 m @ 25 °C   horizontal			
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			
Loop resistance	7,8 A			
Max. rated voltage power (conductor - ground)	300 V			
Max. rated voltage power (conductor - conductor)	300 V			
Power frequency withstand voltage power	2 kV @ 60 s			
(wire - jacket)	-			
AC withstand voltage power (wire - wire)	2 kV @ 60 s			
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			
No. of bending cycles (C-track)	2 Mio. @ 25 °C			
Bending radius (fixed)	5 x Outer diameter			
Bending radius (dynamic)	10 x Outer diameter			
Connection type 2				
Family construction form	free cable end			
No. of poles	21			
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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