

## MVP12, 8XM12, MOSA, PLUGGABLE CABLE

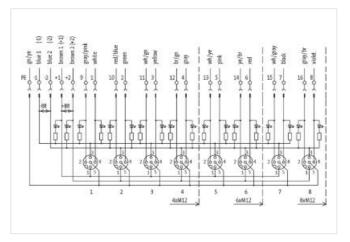
15.0m PUR-JB 16x0,34+5x0,75

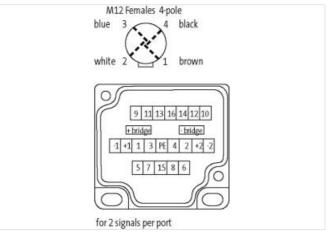
8-way, 5-pole, MOSA PUR/PVC 15.0 m potentially separated with LED for digital PNP-signals 24 V DC quick connection elements included

## **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	
ECLASS-12.0		

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ETIM-5.0	EC002585	
customs tariff number	85369010	
GTIN	4048879057554	
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 cross section min.	0,25 mm²	
Connection cross section max.	0,5 mm <sup>2</sup>	
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	Cap nut	
Height	43 mm	
Width	50,2 mm 170 mm	
Depth  Environmental characteristics   Climatic	170 (1)(1)	
	20.00	
Operating temperature min.  Operating temperature max.	-20 °C 80 °C	
	00 0	
Installation   Cable		
Cable identification	404	
Cable Type	2	
Jacket Color	gray	
Type of Certificate	cURus	
STOOW style jacket	Hybrid, Signal, Power	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Amount stranding (type 2)	1 16 wires around Stranding combination twisted	
Stranding (type 2)	16 wires around Stranding combination twisted  blue 1, brown 1, blue 2, brown 2, green-yellow, (green, red-blue, white, gray-pink, violet, brown-gray, black,	
wire arrangement	gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white)	
Cable weigth	257,87 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)	12,5 mm	
Tolerance outer diameter (sheath)	±5%	
Material inner jacket	PVC	
Color (inner jacket)	gray	
Material wire insulation	PVC	
Amount wires	16	

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Outer diameter insulation	1,4 mm
Outer diameter insulation	± 5 %
Shore hardness wire insulation	55 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)	2,2 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
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 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
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	Сар
No. of poles	21
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	HARAX
No. of poles	4
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PIN 1	+ PE	
PIN 2	NC	
PIN 3	-	
PIN 4	S	