

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

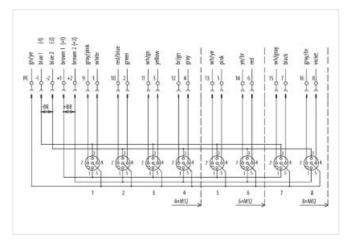
15.0m PUR/PVC 8x0,34+5x0,75, w/o LED's

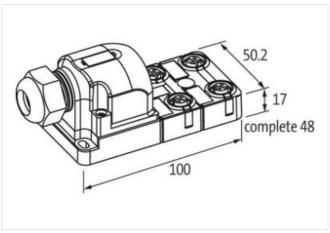
4-way, 5-pole PUR/PVC 15.0 m Potential separation as option Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

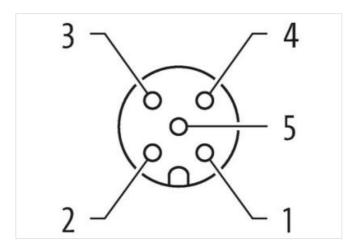
## **Link to Product**

## Illustration









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	4048879059473	
Packaging unit	1	
Electrical data   Supply		
	24 V	
Operating voltage DC	4 A	
Current operating per contact max.  Total current at 1 time current feed-in max.		
Total current at 1 time current feed-in max.	8.A	
	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	1 idolio	
Mounting method	Schraubgewinde	
Height	99.2 mm	
Width	50.2 mm	
Depth	17,2 mm	
·	17,4 11111	
Environmental characteristics   Climatic		
Operating temperature min.	-20 °C	
Operating temperature max.	80 °C	
Installation   Cable		
STOOW style jacket	Hybrid, Signal, Power	
Cable identification	374	
Cable Type	2	
Jacket Color	gray	
Type of Certificate	cURus	
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	
Tolerance outer diameter (sheath)	±5%	

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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 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Traversing distance (C-track)	5 m @ 25 °C   horizontal	
Travel speed (C-track)	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	
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	
Loop resistance	7,8 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	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	0° 08	
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	
Travel speed (C-track)	2 Mio. @ 25 °C	
Connection type 1		
Family construction form	M12	
Gender	female	
Color contact carrier	black	

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Coding	Α	
No. of poles	5	
PIN 1	+	
PIN 2	NC S 2	
PIN 3	-	
PIN 4	NO S 1	
PIN 5	PE	