

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

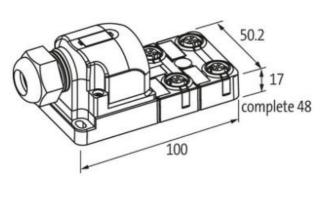
15.0m PUR/PVC 8x0,34+5x0,75, w/o LED's

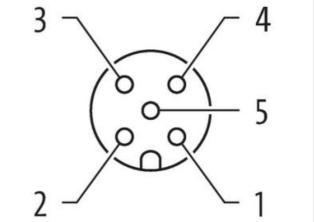
4-way, 5-pole PUR/PVC 15.0 m Potential separation as option Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









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	
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	99,2 mm
Height Width	99,2 mm 50,2 mm
	-
Width	50,2 mm
Width Depth	50,2 mm
Width Depth Environmental characteristics   Climatic	50,2 mm 17,2 mm
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.	50,2 mm 17,2 mm -20 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Installation   Cable	50,2 mm 17,2 mm -20 °C 80 °C
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification	50,2 mm 17,2 mm -20 °C 80 °C 374
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Type	50,2 mm 17,2 mm -20 °C 80 °C 374 2
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Type         Jacket Color	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray cURus
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray cURus Hybrid, Signal, Power
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray cURus Hybrid, Signal, Power 1
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1         9 wires around Stranding combination twisted         gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         wire arrangement	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1         9 wires around Stranding combination twisted         gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         wire arrangement         No. of bending cycles (C-track)	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1         9 wires around Stranding combination twisted         gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)         2 Mio. @ 25 °C
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         wire arrangement         No. of bending cycles (C-track)         Cable weigth	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1         9 wires around Stranding combination twisted         gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)         2 Mio. @ 25 °C         140,94 g/m
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket	50,2 mm 17,2 mm -20 °C 80 °C 374 2 gray cURus Hybrid, Signal, Power 1 4 wires twisted 1 9 wires around Stranding combination twisted gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown- green, gray) 2 Mio. @ 25 °C 140,94 g/m PUR
Width         Depth         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         STOOW style jacket         Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket	50,2 mm         17,2 mm         -20 °C         80 °C         374         2         gray         cURus         Hybrid, Signal, Power         1         4 wires twisted         1         9 wires around Stranding combination twisted         gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)         2 Mio. @ 25 °C         140,94 g/m         PUR         87 ± 5 Shore A

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Tolerance outer diameter (sheath)	±5%			
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 wires (Power)	5			
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			
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 (wire - jacket)	2 kV @ 60 s			
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			
Bending radius (fixed)	5 x Outer diameter			
Bending radius (dynamic)	10 x Outer diameter			
Connection type 1				
Family construction form	M12			
Gender	female			
Color contact carrier	black			
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Coding	А	
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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