

MVP12, 8XM12, 4POLE, PLUGGABLE CABLE

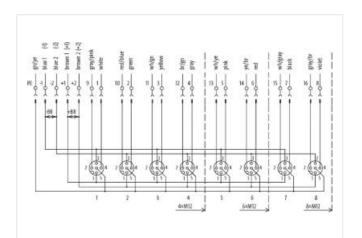
10.0m PUR/PVC 16x0,34+5x0,75, w/o LED's

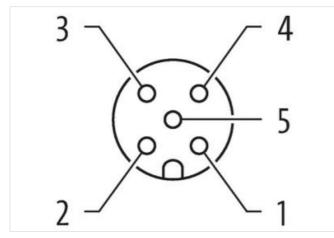
8-way, 5-pole PUR/PVC 10.0 m Potential separation as option Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

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	
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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.	0° 08
Installation Cable	
	Hybrid Signal Dawar
STOOW style jacket	Hybrid, Signal, Power
STOOW style jacket Cable identification	374
STOOW style jacket Cable identification Cable Type	374 2
STOOW style jacket Cable identification Cable Type Jacket Color	374 2 gray
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate	374 2 gray cURus
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	374 2 gray
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	374 2 gray cURus 1
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	374 2 gray cURus 1 4 wires twisted 1
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	374 2 gray cURus 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-
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement	374 2 gray cURus 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)
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth	374 2 gray cURus 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) 140,94 g/m
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth Material jacket	374 2 gray cURus 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) 140,94 g/m PUR
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STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	374 2 gray cURus 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) 140,94 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
STOOW style jacket Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement Cable weigth Material jacket Shore hardness jacket	374 2 gray cURus 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) 140,94 g/m PUR 87 ± 5 Shore A

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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 ²
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	±5 %
(Power)	
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 ²
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)	℃ 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 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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