

MVP12, 8XM12, 5POLE, PLUGGABLE CABLE

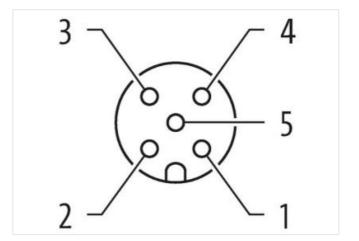
5.0m PUR/PVC 16x0,34+3x0,75

Further cable lengths on request. 8-way, 5-pole Plastic housings with good resistance against chemicals and oils. PUR/PVC The resistance to aggressive media should be individually tested for your application. Further details on request. 5.0 m with LED for digital PNP-signals 24 V DC

Link to Product







Product may differ from Image



Commercial data

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
ETIM-5.0	EC002585
customs tariff number	85369010
GTIN	4048879064453
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A

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Total current max.	8 A
Industrial communication	
Number of signals per port	2
Installation Connection	
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Tightening torque	0,6 Nm
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	РВТ
-	
Mechanical data Mounting data	
Height	150 mm
Width	50,2 mm 17 mm
Depth	
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	398
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted
wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	165 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)	10 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation Ingredient freeness wire insulation	good machinability lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
שונהפנפו טו שוועוכ שווכש	0,10 mm

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Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Power) PVC	
Conductor type (wire) Strand class 5	
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	
Amount wires (Power) 3	
Amount strands wire (Power) 42	
Diameter of single wires (Power) 0,15 mm	
Wire conductor cross section (Power) 0,75 mm²	
Material conductor wire (Power) Stranded copper wire, bare	
Conductor type wire (Power) strand class 6	
Traversing distance (C-track) 5 m @ 25 °C	
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 - 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 IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2	
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	<u> </u>
Connection type 2	
Family construction form free cable end	
Color contact carrier gray	
No. of poles 19	
Family construction form M12	
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	

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