

MVP12, 6XM12, 5POLE, PLUGGABLE CABLE

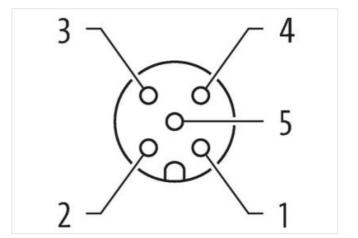
5.0m PUR/PVC 12x0,34+3x0,75

Further cable lengths on request. 6-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	4048879064491
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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

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Total current max.	8 A
Industrial communication	
Number of signals per port	2
Installation Connection	
· · · ·	0.6.Nm
Tightening torque	0,6 Nm M12 x 1
Mounting set	M12 X I
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	PBT
-	
Mechanical data Mounting data	
Height	125 mm
Width	50,2 mm
Depth	17 mm
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	388
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted
wire arrangement	blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, brown-yellow, red)
Cable weigth	162,8 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%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	12
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 0.45 mm
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²

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Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Conductor type (wire) Strand class 5 Conductor type (wire) Strand class 5 Conductor type (wire) PVC Outer diamoder wire insulation (Power) 1.8 mm Toterace outer diamoler wire insulation (Power) 43:e5 Shore D Material properties wire insulation (Power) 43:e5 Shore D Material opperties wire insulation (Power) 43:e5 Shore D Material opperties wire insulation (Power) 42:e Dameter of single wire (Power) 0.15 mm Wire conductor or two (Power) 0.57 mm ² Conductor type (even) 0.57 mm ² Material conductor wire (Power) 0.57 mm ² Conductor type (even) 0.57 mm ² Material conductor wire (Power) 0.57 mm ² Current load capacity (stranded) 10 DN VDE 0284-4 Current load capacity (stranded) 10 DN VDE 0284-4 Current load capacity (stranded) 2 KV @ 60 s Power (rougarcy wire) 2 KV @ 60 s Power (rougarcy wire) 2 KV @ 60 s Conduc	Traversing distance (C-track)	5 m @ 25 °C
Conductor type (wire) Strand class 5 Travel speed (C-track) 3 Material wire insulation (Power) 1.8 mm Conduct diameter wire insulation (Power) 1.5 % Stroe hardness wire insulation (Power) 1.5 % Stroe hardness wire insulation (Power) 1.6 % Stroe hardness wire insulation (Power) 1.6 % Material apoperitors wire insulation (Power) 1.6 % Danoter of single wires (Power) 0.25 mm Material apoperitor theoress wire insulation (Power) 0.25 mm Mannet strack wire (Power) 0.75 mm ² Conductor rops wire (Power) 0.75 mm ² Max: rated voltage (conductor - orgound) 300 V Current bacd capatry (strandsd) 100 V DE d28-4 Current bacd capatry (strandsd) 100 V DE d28-4 Corrent bacd capatry (strandsd) 100 V C Corrent bacd capatry (strandsd) 100 V C		Stranded copper wire, bare
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Dameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) 0.75 mm ² Mara rada voltage (conductor - conductor) 300 V Max ratad voltage (conductor - conductor) 300 V Current load capacity (standard) to DN VDE 0298-4 Dever frequency withstand voltage (wire - zak V@ 60 s standa voltage (standard) Power frequency withstand voltage (wire - zak V@ 60 s standard) Gasotine resistance Good, application-related testing Operating temperature max. (dynamic) 7 °C Fiame resistance Good, a	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
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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 (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Loop resistance 7.0 A Electrical resistance ine constant wire 57 Ω/km Electrical resistance conting wire (Power) 28 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequeny withstand voltage (wire - jacket) 30 °C Min. operating temperature (static) 30 °C Max. caperating temperature (static) 30 °C Max. caperating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 EC 60332-2 2 Chemical resistance God, application-related testing Gascline resistance God, application-related testing Gascline resistance God, application-related testing Bending radius (fixed) 5 × Otter diameter Bending radius (fixed) 5 × Otter diameter <t< td=""><td>Wire conductor cross section (Power)</td><td>0,75 mm²</td></t<>	Wire conductor cross section (Power)	0,75 mm ²
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GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	15
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 3 - PIN 4 NO S 1		+
PIN 3 - PIN 4 NO S 1	PIN 2	NC S 2
		-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

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