

MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

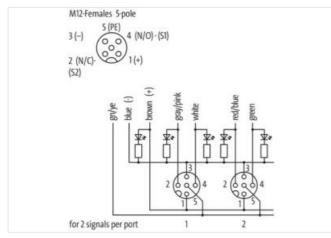
15.0m PUR 16x0,34+5x0,75, UL/CSA

8-way, 5-pole, DIAGNOSTIC 15.0 m integrated electronic current monitoring with shutoff electronic diagnostic with ERROR LED Further cable lengths on request.

All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-reseting). Supply voltage of other ports remains the same. In case of a fault the DIAGNOSTIC signal "active high" to the PLC (wire "brown" 2) drops from 24 V DC to 0 V. The operator can immediately react by analysing the diagnostic signal.

Link to Product





Product may differ from Image



Commercial data

ECLASS-6.0

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: 2024-04-27

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	85444290
GTIN	4048879063722
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current consumption max.	35 mA
Total current max.	10 A
Electrical data Input	
Current input full equipment min.	10 A
Current carrying capacity per port max.	0,5 A
Electrical data Output	
Diagnostic output	active high
Current diagnostic output max.	25 mA
Diagnostics	
Status indication LED	green, red
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68
Additional condition protection degree	inserted, screwed
Overload resistant	yes
Short-circuit protected	yes
Short circuit current min.	0,7 A
Short circuit current max.	0,9 A
Overload current min.	0,7 A
Overload current max.	0,9 A
Mechanical data Material data	
Coating housing	Nickeled
Material housing	Zinc die-casting
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Height	145 mm
Width	55 mm
Depth	21 mm
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Conformity	
Product standard	EN 61131-2
Installation Cable	
Cable identification	403

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Jusied Color Dye of Certificates culficum Amount standing Sime around Core filer twisted Branding factor max. 70 mm Amount standing (ppe 2) Stranding factor max. (ppe 2) Stranding f	Printing color of wire insulation	white (isolation blue), white (isolation brown)
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Stranding lactor max. (type 2) 105 mm Banding Fleece Filler (yes wire arrangement (gray-pink, volet, brown-gray, black, gray-while, red, brown-yellow, pink, yellow-while, gray, brown-green, yellow, blue 1 Cable weight 253 g/m Material jackat PUR Shore hardness jacket 65 5 Shore A Freedom from ingredients (jackat) Isad-free, cadmum-free, CFC-free, halogen-free, allicone-free, LABS-free Outer diameter (grave) 11.5 mm Talerance outer diameter (sheath) 1.5 % Material weir insulation TPE Amount wires 5 Outer diameter insulation 1.8 mm Outer diameter insulation 1.5 % Material weir insulation 1.5 % Marter weir solution 1.6 ± 5 Shore D Ingredient freeness weir insulation 1.6 ± 5 Shore D Ingredient freeness weir insulation 1.8 mm Outer diameter insulation 1.8 mm Outer diameter weir insulation 1.5 % Binander of single wrise 0.1 mm Conductor rerossection (wrio) 0.75 mm² <t< td=""><td></td><td></td></t<>		
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	conductor)	500 V
		2 kV @ 60 s

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AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
No. of poles	21
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
PIN 5	PE

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