

## MVP-METALL, 8XM12, 5POLE, M23 19POL. CON.

Connector exit frontside

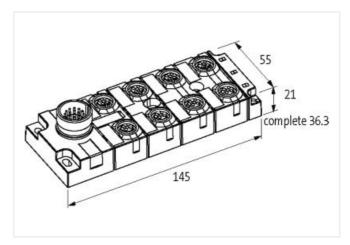
8-way, 5-pole, DIAGNOSTIC M23 plug connection 19-pole used

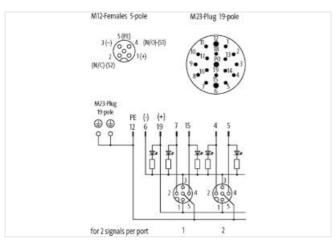
All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-resetting). Operating voltage remains the same. In case of a fault the DIAGNOSTIC signal "active high" to the PLC (M23 PIN 18) drops from 18 V DC to 24 V. The operator can immediately react by analysing the diagnostic signal. - less downtime - easy trouble-shooting due to red LED "ERROR" and red LED at the plug position.

## **Link to Product**

## Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	



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FOL 400 7.0	07070010
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0 ECLASS-10.1	27440108 27440111
ECLASS-10.1	27440111
ECLASS-11.1	27440111
ETIM-5.0	EC002585
customs tariff number	85369010
GTIN	4048879063548
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 input full equipment min.  Current carrying capacity per port max.	0,5 A
	U,U 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
Overload current max.  Mechanical data   Material data	0,9 A
	0,9 A Nickeled
Mechanical data   Material data	
Mechanical data   Material data  Coating housing  Material housing	Nickeled
Mechanical data   Material data  Coating housing  Material housing  Mechanical data   Mounting data	Nickeled Zinc die-casting
Mechanical data   Material data  Coating housing  Material housing  Mechanical data   Mounting data  Mounting method	Nickeled Zinc die-casting Schraubgewinde
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height	Nickeled Zinc die-casting
Mechanical data   Material data  Coating housing  Material housing  Mechanical data   Mounting data  Mounting method	Nickeled Zinc die-casting Schraubgewinde 145 mm
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min.	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm
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Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Conformity	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm  -20 °C 60 °C
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Conformity Product standard	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Conformity Product standard Connection type 2	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm  -20 °C 60 °C  EN 61131-2
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Conformity Product standard Connection type 2 Family construction form	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm  -20 °C 60 °C  EN 61131-2
Mechanical data   Material data Coating housing Material housing Mechanical data   Mounting data Mounting method Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Conformity Product standard Connection type 2	Nickeled Zinc die-casting  Schraubgewinde 145 mm 55 mm 21 mm  -20 °C 60 °C  EN 61131-2

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: 2024-04-26



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Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	•
PIN 4	NO S 1
PIN 5	PE
Family construction form	M23
Gender	male
Color contact carrier	black
Coding	A
No. of poles	19
PIN 1	VT
PIN 2	RD
PIN 3	GY
PIN 4	RD / BU
PIN 5	GN
PIN 6	BU
PIN 7	GY / PK
PIN 8	WH / GN
PIN 9	WH / YE
PIN 10	WH / GY
PIN 11	BK
PIN 12	YE / GN
PIN 13	YE / BN
PIN 14	BN / GN
PIN 15	WH
PIN 16	YE
PIN 17	PK
PIN 18	GY / BN diagnosis
PIN 19	BN