

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

Connector exit st the top

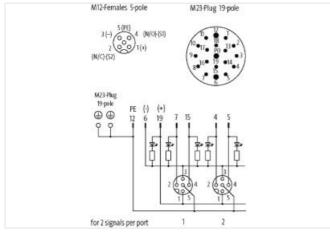
8-way, 5-pole, DIAGNOSTIC M23 plug connection 19-pole used Operating current: 2 A per M12 (female)

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



27279219

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Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440111
ECLASS-11.1	27440111
ECLASS-12.0	27440111
ETIM-5.0	EC002585
customs tariff number	85369010
GTIN	4048879063531
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.	20 A
Current carrying capacity per port max.	2A
Electrical data   Output	
Diagnostic output	active high
Current diagnostic output max.	25 mA
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 protected Short circuit current min.	yes 2,6 A
Short-circuit protected Short circuit current min. Short circuit current max.	yes 2,6 A 3,1 A
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.	yes 2,6 A 3,1 A 2,6 A
Short-circuit protected Short circuit current min. Short circuit current max. Overload current min. Overload current max.	yes 2,6 A 3,1 A
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.	yes 2,6 A 3,1 A 2,6 A
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing	yes 2,6 A 3,1 A 2,6 A
Short-circuit protected Short circuit current min. Short circuit current max. Overload current min. Overload current max. Mechanical data   Material data	yes 2,6 A 3,1 A 2,6 A 3,1 A
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing	yes 2,6 A 3,1 A 2,6 A 3,1 A Nickeled
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing	yes 2,6 A 3,1 A 2,6 A 3,1 A Nickeled
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data	yes     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method	yes 2,6 A 3,1 A 2,6 A 3,1 A 3,1 A Nickeled Zinc die-casting Schraubgewinde
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method   Height	yes 2,6 A 3,1 A 2,6 A 3,1 A 3,1 A Nickeled Zinc die-casting Schraubgewinde 145 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method   Height   Width	yes     2,6 A     3,1 A     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting     Schraubgewinde     145 mm     55 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method   Height   Width   Depth	yes     2,6 A     3,1 A     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting     Schraubgewinde     145 mm     55 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method   Height   Width   Depth   Environmental characteristics   Climatic	yes     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting     Schraubgewinde     145 mm     55 mm     21 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   Mechanical data   Material data   Coating housing   Material housing   Mechanical data   Mounting data   Mounting method   Height   Width   Depth   Environmental characteristics   Climatic   Operating temperature min.	yes     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting     Schraubgewinde     145 mm     55 mm     21 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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.	yes     2,6 A     3,1 A     2,6 A     3,1 A     Nickeled     Zinc die-casting     Schraubgewinde     145 mm     55 mm     21 mm
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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	yes   2,6 A   3,1 A   2,6 A   3,1 A   Nickeled   Zinc die-casting   Schraubgewinde   145 mm   55 mm   21 mm   -20 °C   60 °C
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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	yes   2,6 A   3,1 A   2,6 A   3,1 A   Nickeled   Zinc die-casting   Schraubgewinde   145 mm   55 mm   21 mm   -20 °C   60 °C
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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	yes   2,6 A   3,1 A   2,6 A   3,1 A   Nickeled   Zinc die-casting   Schraubgewinde   145 mm   55 mm   21 mm   -20 °C   60 °C   EN 61131-2
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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	yes   2,6 A   3,1 A   2,6 A   3,1 A   Nickeled   Zinc die-casting   Schraubgewinde   145 mm   55 mm   21 mm   -20 °C   60 °C   EN 61131-2   M12
Short-circuit protected   Short circuit current min.   Short circuit current max.   Overload current min.   Overload current max.   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   Gender	yes   2,6 A   3,1 A   2,6 A   3,1 A   Nickeled   Zinc die-casting   Schraubgewinde   145 mm   55 mm   21 mm   -20 °C   60 °C   EN 61131-2   M12   female

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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	ВК
PIN 12	YE / GN
PIN 13	YE / BN
PIN 14	BN / GN
PIN 15	WH
PIN 16	YE
PIN 17	РК
PIN 18	GY / BN diagnosis
PIN 19	BN

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