

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

Connector exit frontside

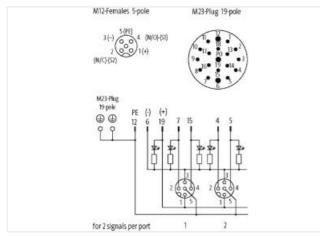
8-way, 5-pole, DIAGNOSTIC M23 plug connection 19-pole used

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

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: 2024-05-04

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-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	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 carrying capacity per port max.	0,5 A
	0,0 / ·
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	
TTIGET	55 mm
Depth	55 mm 21 mm
Depth	55 mm 21 mm
Environmental characteristics Climatic	21 mm
Environmental characteristics Climatic Operating temperature min.	21 mm -20 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max.	21 mm
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity	21 mm -20 °C 60 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard	21 mm -20 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity	21 mm -20 °C 60 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard	21 mm -20 °C 60 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard Connection type 2	21 mm -20 °C 60 °C EN 61131-2 M12 female
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard Connection type 2 Family construction form	21 mm -20 °C 60 °C EN 61131-2 M12

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: 2024-05-04

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



Coding	Α
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	PK
PIN 18	GY / BN diagnosis
PIN 19	BN

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: 2024-05-04

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