MURR ELEKTRONIK
stay connected

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

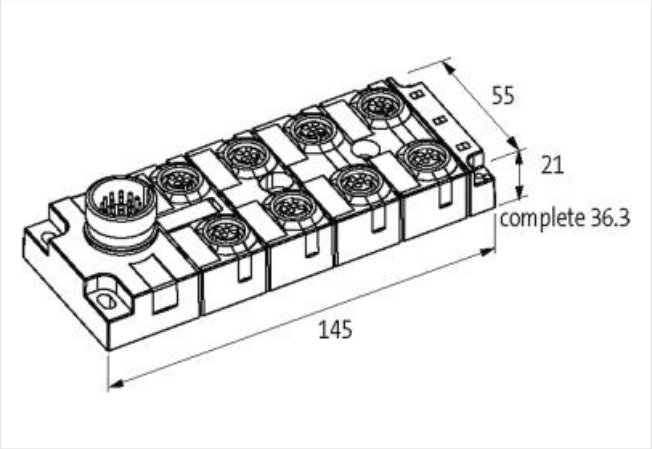
Connector exit st the top

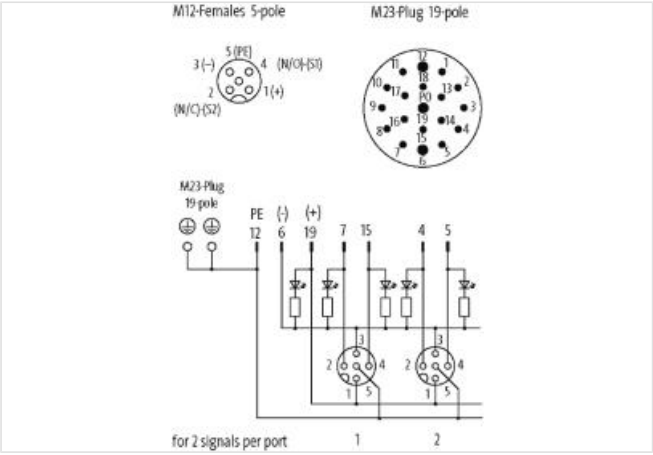
8-way, 5-pole, DIAGNOSTIC
M23 plug connection
19-pole used
Operating current: 2 A per M12 (female)
All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-resetting). Operating voltage remains the same. In case of a 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

Commercial data

ECLASS-6.0	27279219

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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.	2 A
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
Short circuit current min.	2,6 A
Short circuit current max.	3,1 A
Short-circuit protected	yes
Overload resistant	yes
Overload current min.	2,6 A
Overload current max.	3,1 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
Connection type 2	
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A

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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	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

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