

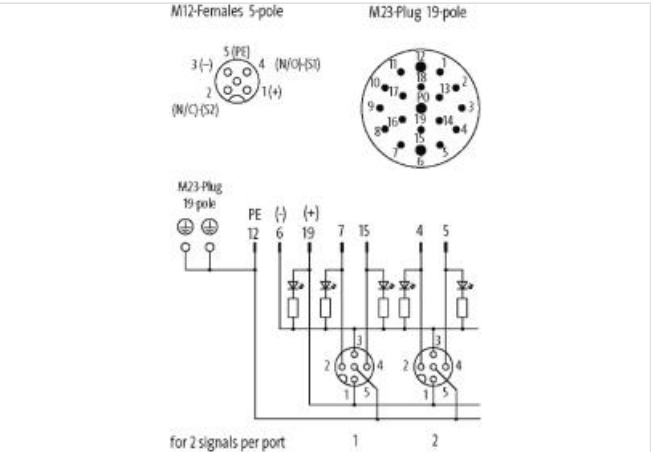
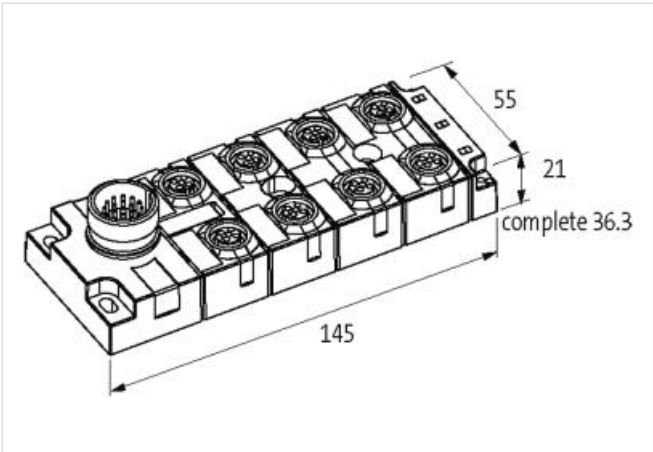
MVP-METALL, 8XM12, 5POLE, M23 19POL. CON.

Connector exit frontside

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

Link to Product

Illustration



Product may differ from Image

Technical Data	
Operating voltage	24 V DC (EN 61131-2)
Operating current (contact 3)	max. 0.5 A (shutoff 0.7...0.9 A)
Current consumption	max. 35 mA
LED display	LED (green): P1 and P2; LED (red): ERROR for optical diagnostics
Locking of ports	Screw thread (M12×1 mm)
Protection	IP65, IP67, IP68 inserted and tightened (EN 60529)
Housing	Zinc die casting, matte nickel plated
Diagnostic output	active high, max. load 25 mA, M23 - PIN 18
Required power supply with max. ports	min. 10 A
Inrush capacity	max. 1470 µF
LED display per port	LED (yellow): contact 4 and 2; 2× LED (red): for failure

Unit protection	Short-circuit, overload (PNP switching)
Total current	max. 10 A
<b>General data</b>	
Temperature range	-20...+60 °C
Dimensions H×W×D	145×55×21 mm
<b>Contact Layout</b>	
PIN 1	(+)
PIN 2	Port 1...7: (NO)/(S2); Port 8: diagnostic
PIN 3	(-)
PIN 4	(NO)/(S1)
PIN 5	(Earth)
LED (green): Power / LED (yellow): (S1/S2) / LED (red): Failure	
<b>Description</b>	
Functional description	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
Product article number of manufacturer	27538