

MVK I/O COMPACT MODULE, METAL

Profibus DP, 4 analog In / 8 multif. channels

Digital inputs/outputs

DIO4 DIO4 AI4

PROFIBUS 12 Mbit/s; M12, B-coded

7/8", 5-pole, 2× max. 9 A

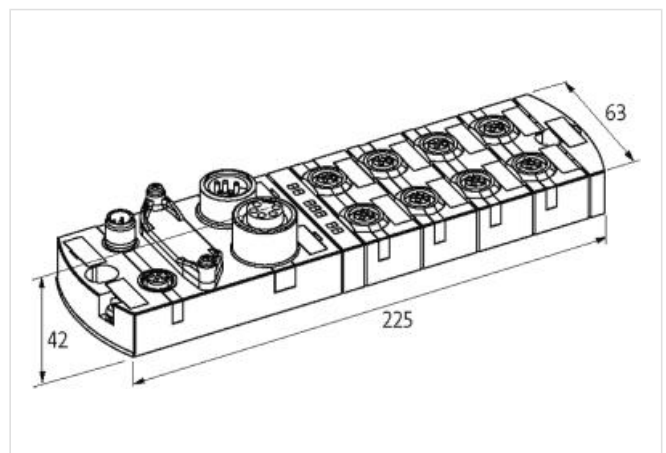
M12, 5-pole, A-coded

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)
Protection	IP67
Dimensions H×W×D	42×63×225 mm

PROFIBUS

Addressing	Rotary switch 1...99
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Output

Lamp load	10 W
Actuator supply UA	24 V DC (EN 61131-2), max. 9 A
Lamp load (8× M12 left)	max. 1.6 A (short-circuit and overload protected)

Input

Input resistor (analog)	approx. 1 MΩ, differential input
Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected
Conversion time (analog)	1 ms
Resolution (analog)	16 Bit
Type	for 3-wire sensors or mechanical switches, PNP
Input range (analog)	0...10 V, (0...20 mA and 4...20 mA via adapter Art.-No. 7000-42251-0000000)

Connections	
Fieldbus	PROFIBUS 12 Mbit/s; M12, B-coded
Sensor-system/actuator supply	7/8", 5-pole, 2× max. 9 A
I/O ports	M12, 5-pole, A-coded
Product article number of manufacturer	
55293	
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Wire break upper/lower limit overload	per channel via LED and BUS
Short-circuit and overload	yes