

MVK I/O COMPACT MODULE, METAL

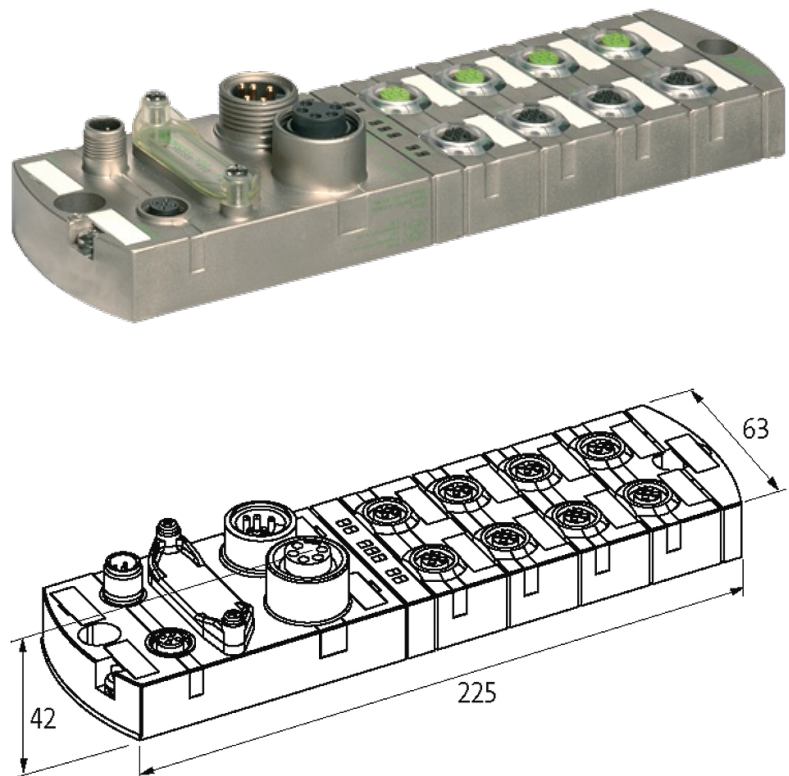
Profibus DP, 4 analog In / 8 multif. channels

Digital inputs/outputs

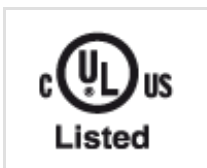
Analog inputs

DI/DO4 + 4 × Diagnostic/DI/DO + AI4

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

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

Product may differ from Image

Approvals**More Info**



Input

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

Connections

Fieldbus	PROFIBUS 12 Mbit/s; M12, B-coded
Sensor-system/actuator supply	7/8", 5-pole, 2 x max. 9 A
I/O ports	M12, 5-pole, A-coded

PROFIBUS

Addressing	Rotary switch 1...99
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General data

Dimensions H x W x D	42x63x225 mm
Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)

Output

Actuator supply UA	24 V DC (EN 61131-2), max. 9 A
Lamp load (8xM12 left)	max. 1.6 A (short-circuit and overload protected)
Lamp load	10 W

Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes
Actuator warning	per channel via LED and BUS
Wire break upper/lower limit overload	per channel via LED and BUS

Commercial data

country of origin	DE
customs tariff number	85389099

EAN	4048879051583
eClass	27242604
Packaging unit	1