

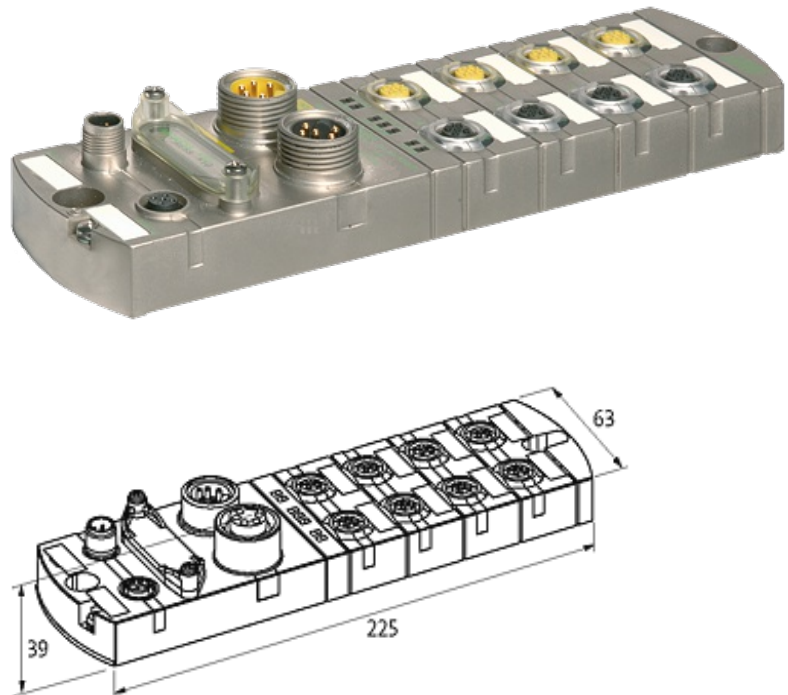
MVK I/O COMPACT MODULE, METAL

Profibus DP, 8 safety dig. Out/ 8 multif. channels

Digital inputs/outputs

output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays
K3 DO4 (DO4) DIO4 (DIO4)

For connection cables please see chapter "Connection Technology" All housings are 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, (EN 61131-2)
Connections	
Fieldbus	M12, B-coded
I/O ports	M12, A-coded, 5-pole
Sensor-system/actuator supply	7/8", 5-pole, max. 9 A, safe circuits (1 + 2) via separate 7/8" supply (yellow), 2-pole disconnectable
Fieldbus	
Operating voltage	24 V DC (EN 61131-2)
Operating modes	Sync- and freeze mode are supported
Transfer rate	to 12 Mbit/s
Addressing	Rotary switch 1...99
General data	
Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)
Dimensions H × W × D	39×63×225 mm
Parameterization	
PIN 4	4 × input/output
PIN 2	4 × input/output/diagnostic
Output	
Actuator supply UA	24 V DC (EN 61131-2), 3 circuits, (max. 9 A)
Switching current per output	max. 1.6 A (short-circuit and overload protected)
Lamp load	10 W
Safe output	
Switching current by safe output	max. 2 A short-circuit and overload protected, (EN13849-1) PLd
M12-(yellow) PIN 4	2 safety circuits (UA1/UA2) with 2 digital outputs each (EN13849-1) PLd
M12-(yellow) PIN 2	2 safety circuits (UA1/UA2) with 2 digital outputs each (EN13849-1) PLd
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
Cable break	per port

Commercial data

country of origin	DE
customs tariff number	85389099
minimum order quantity	1