

## MVK I/O COMPACT MODULE, METAL

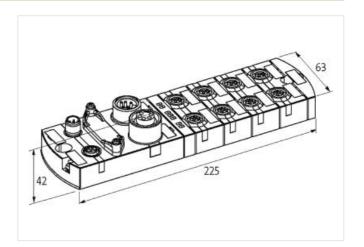
Profibus DP, 4 analog In / 8 multif. channels

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









Commercial data		
ECLASS-6.0	27242604	
ECLASS-6.1	27242602	
ECLASS-7.0	27242602	
ECLASS-8.0	27242602	
ECLASS-9.0	27242602	
ECLASS-10.1	27242602	
ECLASS-11.1	27242602	
ECLASS-12.0	27242602	
ETIM-5.0	EC001597	
customs tariff number	85389099	
GTIN	4048879051583	
Packaging unit	1	
Electrical data   Supply		
Norm operating voltage	EN 61131-2	
Operating voltage US DC	24 V	
Operating voltage UA DC	24 V	
Total current UA max.	9 A	
Total current US max.	9 A	

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-01



stay connected

Electrical data   Input	
• •	VIO.
Overload resistant	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Sensor current US per input max.	0,2 A
Conversion time analog input	7 ms
Electrical data   Output	
Actuator current UA per output max.	1,6 A
Lamp load	10 W
Industrial communication   Bus data	
Address range min.	1
Address range max.	99
Address setting type	Rotary switch
Diagnostics	
-	ner shared via LED and BUC
Actuator warning	per channel via LED and BUS
Diagnostic via BUS	No voltage, Under voltage
Diagnostic via BUS	per module and channel per module and channel
Short circuit diagnosis	·
	yes  Ethernet connection/data traffic
LED display Overload diagnosis	yes
	yes
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Overload resistant	yes
Short-circuit protected	yes
Mechanical data   Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	42 mm
Width	63 mm
Depth	225 mm
Environmental characteristics   Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C
Connection type 6	
Connection type 1	0-3
Connection type 2 Connection type 3	4-7
Connection type 3 Connection type 4	Bus In  Bus Out
Connection type 4 Connection type 5	Power In
Connection type 5  Connection type 6	Power Out
Family construction form	M12
Gender	female
Color contact carrier	green
Coding	A
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	A +
PIN 3	0 V
	0 V
PIN 4	U V



Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	DI / DO / Diag
PIN 3	0 V (US)
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	n.c.
PIN 2	A GN
PIN 3	n.c.
PIN 4	B RD
PIN 5	n.c.
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	5 V 2
PIN 2	A GN
PIN 3	0 V 2
PIN 4	B RD
PIN 5	n.c.
Family construction form	7/8"
Gender	male
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)