

MVK I/O COMPACT MODULE, METAL

Profibus DP, 4 analog In / 8 multif. channels

Art.No.: 55293

Weight: 0.822 kg

Country of origin: CN

Model designation: MVK-MP AI4 (U) DIO4 (DIO4)

Digital inputs/outputs

DIO4 DIO4 AI4

PROFIBUS 12 Mbit/s; M12, B-coded

7/8", 5-pole, 2x max. 9 A

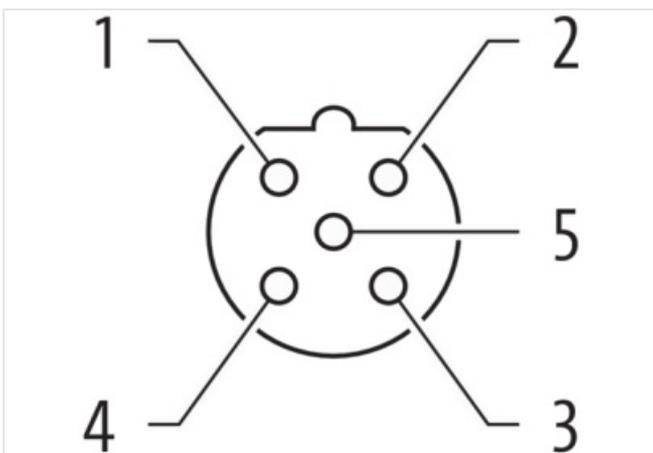
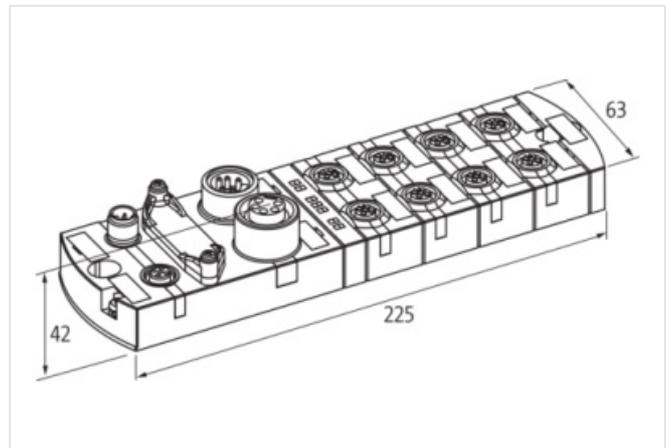
M12, 5-pole, A-coded

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

Housing fully potted.

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text MVK-MP AI4 (U) DIO4 (DIO4)

Commercial data

URL Webshop	https://shop.murrelektronik.com/55293
GTIN	4048879051583
ECLASS-6.0	27242604
ECLASS-6.1	27242602
ECLASS-7.0	27242602
ECLASS-7.1	27242602
ECLASS-8.0	27242602
ECLASS-8.1	27242602
ECLASS-9.0	27242602
ECLASS-9.1	27242602
ECLASS-10.0.1	27242602
ECLASS-10.1	27242602
ECLASS-11.0	27242602
ECLASS-11.1	27242602
ECLASS-12.0	27242602
ECLASS-13.0	27242602
ECLASS-14.0	27242602
ETIM-5.0	EC001597
ETIM-6.0	EC001597
ETIM-7.0	EC001597
ETIM-8.0	EC001597
customs tariff number	85389099
EAN	4048879051583
Packaging unit	1

Electrical data | Supply

Norm operating voltage	IEC/EN 61131-2
Operating voltage US DC	24 V
Total current US max.	9 A
Operating voltage UA DC	24 V
Total current UA max.	9 A

Electrical data | Input

Sensor current US per input max.	0,2 A
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, PNP
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 setting type	Rotary switch
Address range min.	1
Address range max.	99

Diagnostics

Actuator warning	per channel via LED and BUS
Short circuit diagnosis	Yes
Overload diagnosis	Yes
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Overload resistant	Yes
Short-circuit protected	Yes

Mechanical data | Mounting data

Height	42 mm
Width	63 mm
Depth	225 mm
Suitable for mounting type	2-hole screw mounting

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-20 °C

Connection type 6

Connection type 1	0-3
Connection type 2	4-7
Connection type 3	Bus In
Connection type 4	Bus Out
Connection type 5	Power In
Connection type 6	Power Out
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	green
PIN 1	24 V DC (US)
PIN 2	A +
PIN 3	0 V
PIN 4	0 V
PIN 5	FE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
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
No. of poles	5
Coding	B
Gender	male
Color contact carrier	black
PIN 1	n.c.
PIN 2	A GN
PIN 3	n.c.
PIN 4	B RD
PIN 5	n.c.
Family construction form	M12
No. of poles	5
Coding	B

Gender	female
Color contact carrier	black
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"
No. of poles	5
Gender	male
Color contact carrier	black
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"
No. of poles	5
Gender	female
Color contact carrier	black
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)