

MVK-ME DIO14 DIO2/IOL2 4P

MVK EthernetIP compact module, metal housing,

Art.No.: 55543

Weight: 0.965

Country of origin: DE

Model designation: MVK-ME DIO14 DIO2/IOL2 4P

Digital inputs/outputs

DIO14 DIO2 IOL2

Ethernet 10/100 Mbit/s; M12, D-coded

7/8", 4-pole, 2× max. 9 A

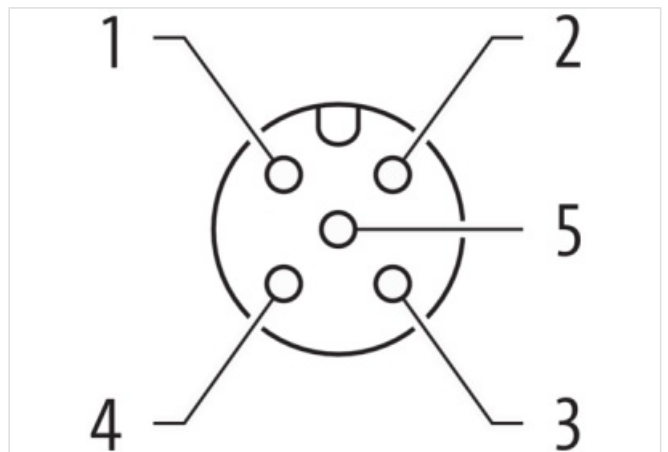
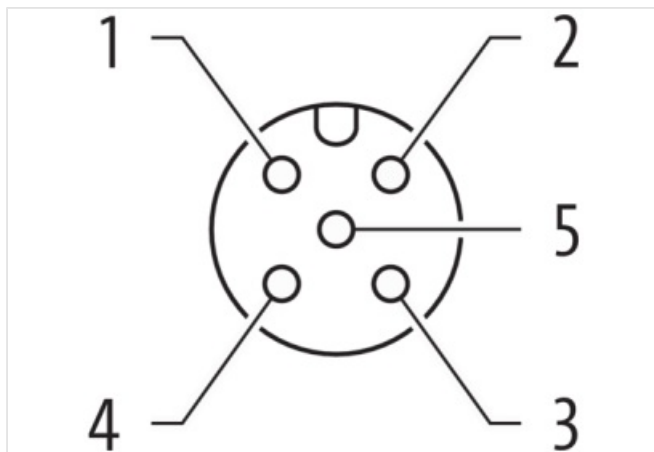
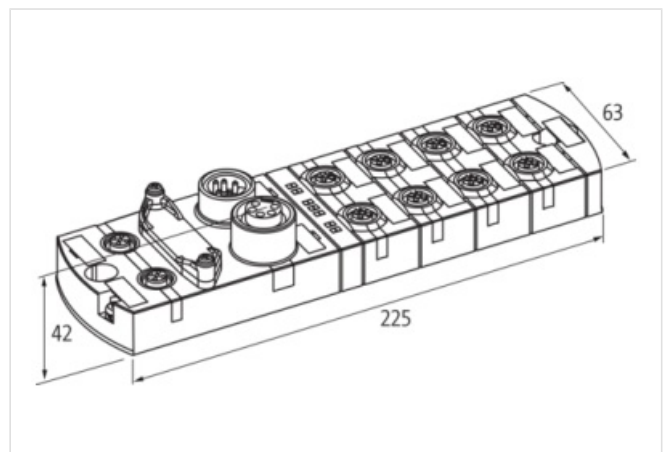
M12, 5-pole, A-coded

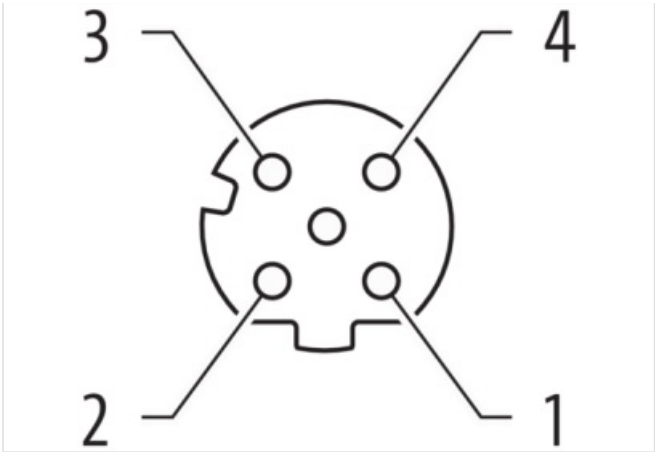
DLR (Device Level Ring)

IO-Link Master V1.1.2

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-ME DIO14 DIO2/IOL2 4P

Commercial data

URL Webshop	https://shop.murrelektronik.com/55543
GTIN	4048879699921
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604
ECLASS-11.0	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85389099
EAN	4048879699921
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
Short-circuit protected	yes
Overload resistant	yes
Type input	for 3-wire sensors or mechanical switches, IO-Link Devices, PNP
Electrical data Output	
Output current per pin max.	1.6 A
Overload resistant	yes
Short-circuit protected	yes
Lamp load	10 W
Industrial communication Ethernet/IP	
EtherNet/IP addressing	BOOTP, DIP switch, DHCP
CIP Sync	yes
DLR (Device Level Ring)	yes
Multiple connections	yes
Composite Test Revision	CT14
Supports quick connection (QC) max.	360 ms
Industrial communication IO-Link	
IO-Link type	2x Master
Port Class	B
IO-Link revision ID	V1.1.2
IO-Link transmission rate	COM1, COM2, COM3
IO-Link process data length input	32 bytes
IO-Link process data length output	32 bytes
Automatic baudrate detection	yes
Diagnostics	
Actuator warning	per channel via LED and BUS
Short circuit diagnosis	yes
Overload diagnosis	yes
Cable break	per IO-Link Master
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic
IO-Link events	Undervoltage supply, No voltage
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
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.	-25 °C
Operating temperature max.	55 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Connection type 5	
Connection type 1	X0-X5
Connection type 2	X6, X7
Connection type 3	XD1

Connection type 4	XD2
Connection type 5	XF2
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	gray
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO / IO-Link
PIN 5	0 V
Family construction form	7/8"
No. of poles	4
Gender	male
Color contact carrier	black
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	0 V
Family construction form	7/8"
No. of poles	4
Gender	female
Color contact carrier	black
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	0 V
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	black
Mounting method	inserted, screwed
Tightening torque	0.6 Nm
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -
PIN 5	n.c.