

## MVK-MPNIO DIO12 DIO4/IOL4 M12L 4P

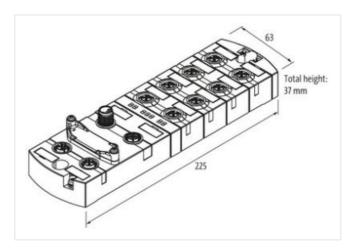
ProfiNet, Compact module, metal

Digital inputs/outputs DIO12 DIO4/IOL4 (IRT) Ethernet 10/100 Mbit/s; M12, D-coded M12 Power, 4-pole, L-coded M12, 5-pole, A-coded 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











Commercial data		
ECLASS-6.0	27242604	
ECLASS-6.1	27242604	
ECLASS-7.0	27242604	
ECLASS-8.0	27242604	
ECLASS-9.0	27242604	
ECLASS-10.1	27242604	
ECLASS-11.1	27242604	
ECLASS-12.0	27242604	
ETIM-5.0	EC001599	
customs tariff number	85389099	
GTIN	4048879843706	
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.	16 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: 2024-05-11



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Serios current US per IO-Link port max.   1 A	Total current US max.	16 A
Short circuit protected	Electrical data   Input	
Short-circular protected   yes	Overload resistant	yes
PyP   For 3 wire sensors or mechanical switches, IO Link Devices	Short-circuit protected	·
Sensor current US per IO-Link port max.         1 A           Electrical data   Output         Ves           Conferoid resistant         yes           Short-circuit protected         yes           Output current per pin max.         1,6 A           Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         PROFINET           Industrial communication   Profinet         PROFINET           Industrial communication   Profinet         PROFINET           PSU (Fast Start Up)         yes           FSU (Fast Start Up)         yes           FSU (Fast Start Up)         yes           FSU (Fast Start Up)         yes           PROFINET on Contraction (Valuation)         yes           PROFINET addressing         DCP           PROFINET addressing         DCP           PROFINET addressing         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication (IO-Link         Valuation (Valuation (Valu		PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
Electrical data   Output         yes           Overload resistant         yes           Output current per pin max.         1,6. A           Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         Supported probosol           PROFINET         Industrial communication   Profinet           Number of active connections (IO controller) max.         2           SSU (Fast-Start-Up)         yes           Fast start up time max.         0,5 s           FSU (Fast-Start-Up)         yes           MRP client         yes           MRP client         yes           MPFOFINET advisoration         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           Inclusive process data length uput         32 Bytes           Inclusive pr	Sensor current US per input max.	0,2 A
Overload resistant         yes           Short-circuit producted         yes           Cupp Locurent prip max.         1,6 A           Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         West Communication Profinet           Number of eather commercions (IV controller) max.         September 10 Controller) max.           Fast start up time max.         0,5 s           Fast start up time max.         0,5 s           Fif T (restroad communication)         yes           Fast start up time max.         0,5 s           Fif T (restroad communication)         yes           PROFINET Netload Class         III           INFORINET Septiment on the communication of the	Sensor current US per IO-Link port max.	1 A
Overload resistant         yes           Short-circuit producted         yes           Cupp Locurent prip max.         1,6 A           Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         West Communication Profinet           Number of eather commercions (IV controller) max.         September 10 Controller) max.           Fast start up time max.         0,5 s           Fast start up time max.         0,5 s           Fif T (restroad communication)         yes           Fast start up time max.         0,5 s           Fif T (restroad communication)         yes           PROFINET Netload Class         III           INFORINET Septiment on the communication of the	Electrical data   Output	
Short-circuit protected	Overload resistant	ves
Output current per pin max:         1.6 A           Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         PROFINET           Industrial communication   Profinet         Industrial communication   Profinet           Number of active connections (IO controller) max.         2           FSU (Fast Start up time max.         0.5 s           FSU (Fast Start up time max.         0.5 s           IFT (review's communication)         yes           Fast start up time max.         0.5 s           IFT (review's communication)         yes           PROFINET addressing         DCP           PROFINET addressing         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication I IO-Link           Automatic baudrate detection         yes           Industrial communication I IO-Link           Automatic baudrate detection         yes           Io-Link process data length output         32 Bytes           IO-Link ryposes data l		·
Lamp load         10 W           Total current outputs max.         9 A           Industrial communication         PROFINET           Industrial communication   Profinet         Very Controller           Number of active connections (IO controller) max.         2           FSU (Fast Start-Up)         yes           FSU (Fast Start-Up)         yes           FSU (Fast Start-Up)         yes           IRT (network communication)         yes           MRP client         yes           PROFINET Nettoad Class         III           PROFINET addressing         DCP           PROFINET conformance class         C           C         PROFINET specification           V2.3         Shared device/input           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length output         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link transmission rate         COM1, COM2, COM3           Fort Class         B           Diagnostic via BUS         per module and channel           IO-Link worth         No voitage, Undervoitage supply           Short ci		•
Industrial communication   PROFINET		· ·
Supported protocol         PROFINET           Industrial communication   Profinet         Industrial communication   Profinet           Number of active connections (IO controller) max.         2           FSU (Fast-Start-Up)         yes           FSU (Fast-Start-Up)         yes           FSU (Fast-Start-Up)         yes           MFP client         yes           MFP client         yes           MFP Client To an Interval Class         III           PROFINET addressing         DCP           PROFINET To an Interval Class         C           PROFINET Specification         Y2.3           Shared device/input         yes           Industrial communication   IO-Link         V2.3           Automatic bourdrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link ransmission rate         COM1, COM2, COM3           Fort Class         B           Diagnostic via BUS         per module and channel           Diagnostic via BUS         per module and channel           OL-Link events         No voltage, Undervoltage supply           Short circut dia	Total current outputs max.	9 A
Industrial communication   Profinet           Number of active connections (IC controller) axis         2           FSU (Fast-Start-Up)         yes           Fast start up time max.         0.5 s           IRT (network communication)         yes           MRP cilient         yes           MRP cilient         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET addressing         C           PROFINET onformance class         C           PROFINET specification         v.2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           ID-Link process data length output         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Industrial communication at the production and channel         Port Class           Diagnostic via BUS         per module and channel           Diagnostic via BUS         per module and channel           Di-Link transmission rate	Industrial communication	
Industrial communication   Profinet           Number of active connections (IC controller) axis         2           FSU (Fast-Start-Up)         yes           Fast start up time max.         0.5 s           IRT (network communication)         yes           MRP cilient         yes           MRP cilient         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET addressing         C           PROFINET onformance class         C           PROFINET specification         v.2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           ID-Link process data length output         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Industrial communication at the production and channel         Port Class           Diagnostic via BUS         per module and channel           Diagnostic via BUS         per module and channel           Di-Link transmission rate	Supported protocol	PROFINET
Number of active connections (IO controllier) max.         2           FSU (Fast-Start-Up)         yes           Fast start up time max.         0.5 s           IRT (network communication)         yes           PROFINET Netload Class         III           PROFINET Netload Class         III           PROFINET conformance class         C           PROFINET spedification         V2.3           Shared device/input         yes           Industrial communication   IO-Link         V2.3           Automatic baudrate detection         yes           IO-Link process data length input         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link process data length input         32 Bytes           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Diagnostic         B           Actuator waring         per module and channel           Diagnostic via BUS         per module and channel           Di-Link years         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cubic weats         No		
max.         2           FSU (Fast Start-Up)         yes           Fast start up time max.         0.5 s           IRT (network communication)         yes           MRP client         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET conformance class         C           PROFINET profice the class of the conformance class         C           PROFINET profice the class of		
Fast start up time max.         0.5 s           IRT (network communication)         yes           IRT (network communication)         yes           PROFINET         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link type         4 * Master           IO-Link type         4 * Master           IO-Link type         4 * Master           IO-Link type         5 B           ID agnostics         B           Diagnostic via BUS           Diagnostic via BUS         per module and channel           ID-Link events         No voltage, Undervoltage supply           Short cival diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break         per port           Overload diagnosis         yes           Degree of protection   Electrical           Degree of p	,	2
IRT (network communication)         yes           MRP client         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link type         4x Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Diagnostics         B           Diagnostic via BUS         per module and channel           Diagnostic via BUS         per module and channel           Di-Link vents         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED diagnosi         yes           Device protection   Electrical         yes           Device protection   Electrical         Per port           Mechanical data   Mounting data         Lose serew mounting           Widable for mounting type         2-hole screw mounting	FSU (Fast-Start-Up)	yes
MRP client         yes           PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET conformance class         C           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Diagnostics         Actuator warning           Port Class         B           Diagnostic via BUS         per module and channel           Diagnostic via LED         per module and channel           Oi-Link events         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break	Fast start up time max.	0,5 s
PROFINET Netload Class         III           PROFINET addressing         DCP           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link krosemiscion ID         V1.1.2           IO-Link krasemission rate         COM1, COM2, COM3           Port Class         B           Diagnostics         Actuator warning           Diagnostic via BUS         per module and channel           Diagnostic via LED         per module and channel           IO-Link events         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break         per port           Overload diagnosis         yes           Degree of protection   Electrical         per port           Mechanical data   Mounting data         2-hole screw mounting           Widable for mounting type         2-hole screw mounting           Height         37 mm           Width         63 mm <td>IRT (network communication)</td> <td>yes</td>	IRT (network communication)	yes
PROFINET addressing         DCP           PROFINET opcorformance class         C           PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link         Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link type         5 Master           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link type         4 Master           IO-Link type         5 Master           IO-Link type         4 Master           ID-Link type         4 Master           IO-Link type         4 Master           ID-Link type         4 Master	MRP client	yes
PROFINET conformance class C PROFINET specification V2.3 Shared device/input yes Industrial communication   IO-Link  Automatic baudrate detection yes   IO-Link process data length output 32 Bytes   IO-Link process data length input 32 Bytes   IO-Link revision ID V1.1.2   IO-Link type 4. Master   IO-Link type 4. Master   IO-Link transmission rate   COM1, COM2, COM3   Port Class B    Diagnostics   Actuator warning per channel via LED and BUS   Diagnostic via BUS per module and channel   IO-Link events   No voltage, Undervoltage supply   Short circuit diagnosis yes   LED display Ethernet connection/data traffic   Cable break per port   Overloac protection   Electrical   Degree of protection   Electrical   Degree of protection   Electrical   Degree of protection (EN IEC 60529)   Per Mechanical data   Mounting data   Suitable for mounting type   2-hole screw mounting   Height 37 mm   Width   63 mm	PROFINET Netload Class	
PROFINET specification         V2.3           Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link type         4 * Master           IO-Link type         4 * Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           B deviation warning           Diagnostics           Actuator warning         per channel via LED and BUS           Diagnostic via BUS         per module and channel           IO-Link events         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break         per port           Overload diagnosis         yes           Device protection   Electrical           Degree of protection   Electrical           Mechanical data   Mounting data           Suitable for mounting type         2-hole screw mounting           Height         37 mm           Width         63 mm	PROFINET addressing	DCP
Shared device/input         yes           Industrial communication   IO-Link           Automatic baudrate detection         yes           IO-Link process data length output         32 Bytes           IO-Link process data length input         32 Bytes           IO-Link revision ID         V1.1.2           IO-Link type         4x Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Diagnostics           Actuator warning         per channel via LED and BUS           Diagnostic via BUS         per module and channel           IO-Link events         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break         per port           Overload diagnosis         yes           Device protection   Electrical         Pegree of protection (EN IEC 60529)         IP67           Mechanical data   Mounting data         Suitable for mounting type         2-hole screw mounting           Width         63 mm	PROFINET conformance class	С
Industrial communication   IO-Link  Automatic baudrate detection yes  IO-Link process data length output 32 Bytes  IO-Link process data length input 32 Bytes  IO-Link revision ID V1.1.2  IO-Link type 4× Master  IO-Link type 4× Master  IO-Link transmission rate COM1, COM2, COM3  Port Class B  IO-Link revision ID V1.1.2  Actuator warning per channel via LED and BUS  Diagnostics  Actuator warning per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Pevice protection   Electrical  Degree of protection   Electrical  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	PROFINET specification	V2.3
Automatic baudrate detection yes  IO-Link process data length output 32 Bytes  IO-Link process data length input 32 Bytes  IO-Link revision ID V1.1.2  IO-Link type 4× Master  IO-Link transmission rate COM1, COM2, COM3  Port Class B  Diagnostics  Actuator warning per channel via LED and BUS  Diagnostic via BUS per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Perice protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Shared device/input	yes
IO-Link process data length output   32 Bytes     IO-Link process data length input   32 Bytes     IO-Link process data length input   32 Bytes     IO-Link type	Industrial communication   IO-Link	
O-Link process data length input   32 Bytes     O-Link revision ID	Automatic baudrate detection	yes
IO-Link revision ID         V1.1.2           IO-Link type         4× Master           IO-Link transmission rate         COM1, COM2, COM3           Port Class         B           Diagnostics           Actuator warning         per channel via LED and BUS           Diagnostic via BUS         per module and channel           Diagnostic via LED         per module and channel           IO-Link events         No voltage, Undervoltage supply           Short circuit diagnosis         yes           LED display         Ethernet connection/data traffic           Cable break         per port           Overload diagnosis         yes           Device protection   Electrical         per ge of protection (EN IEC 60529)         IP67           Mechanical data   Mounting data           Suitable for mounting type         2-hole screw mounting           Height         37 mm           Width         63 mm	IO-Link process data length output	32 Bytes
IO-Link type 4x Master IO-Link transmission rate COM1, COM2, COM3 Port Class B  Diagnostics  Actuator warning per channel via LED and BUS Diagnostic via BUS per module and channel Diagnostic via LED per module and channel IO-Link events No voltage, Undervoltage supply Short circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes  Device protection   Electrical Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data Suitable for mounting type 2-hole screw mounting Height 37 mm  Width 63 mm	IO-Link process data length input	32 Bytes
IO-Link transmission rate COM1, COM2, COM3 Port Class B  Diagnostics  Actuator warning per channel via LED and BUS Diagnostic via BUS per module and channel Diagnostic via LED per module and channel Diagnostic via LED per module and channel Ol-Link events No voltage, Undervoltage supply Short circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting Height 37 mm  Width 63 mm	IO-Link revision ID	V1.1.2
Port Class B  Diagnostics  Actuator warning per channel via LED and BUS  Diagnostic via BUS per module and channel  Diagnostic via LED per module and channel  O-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	IO-Link type	4× Master
Diagnostics  Actuator warning per channel via LED and BUS  Diagnostic via BUS per module and channel  Diagnostic via LED per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	IO-Link transmission rate	COM1, COM2, COM3
Actuator warning per channel via LED and BUS  Diagnostic via BUS per module and channel  Diagnostic via LED per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Pevice protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Port Class	В
Diagnostic via BUS per module and channel  Diagnostic via LED per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Diagnostics	
Diagnostic via LED per module and channel  IO-Link events No voltage, Undervoltage supply  Short circuit diagnosis yes  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Actuator warning	per channel via LED and BUS
IO-Link events No voltage, Undervoltage supply Short circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes  Device protection   Electrical Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data Suitable for mounting type 2-hole screw mounting Height 37 mm  Width 63 mm	Diagnostic via BUS	per module and channel
Short circuit diagnosis  LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting Height 37 mm  Width 63 mm	Diagnostic via LED	per module and channel
LED display Ethernet connection/data traffic  Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	IO-Link events	No voltage, Undervoltage supply
Cable break per port  Overload diagnosis yes  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Short circuit diagnosis	yes
Overload diagnosis yes    Device protection   Electrical	LED display	Ethernet connection/data traffic
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Cable break	per port
Degree of protection (EN IEC 60529) IP67  Mechanical data   Mounting data  Suitable for mounting type 2-hole screw mounting  Height 37 mm  Width 63 mm	Overload diagnosis	yes
Mechanical data   Mounting data       Suitable for mounting type     2-hole screw mounting       Height     37 mm       Width     63 mm	Device protection   Electrical	
Suitable for mounting type 2-hole screw mounting Height 37 mm Width 63 mm	Degree of protection (EN IEC 60529)	IP67
Suitable for mounting type 2-hole screw mounting Height 37 mm Width 63 mm	Mechanical data   Mounting data	
Height         37 mm           Width         63 mm		2-hole screw mounting
	Height	
Depth 225 mm	Width	63 mm
	Depth	225 mm

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: 2024-05-11



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Operating temperature min.	-25 °C
Operating temperature max.	60 °C
Storage temperature min.	-25 °C
Storage temperature max.	70 °C
Connection type 5	
	Vo Vo
Connection type 1	X0-X3
Connection type 2	X4-X7
Connection type 3	XD1
Connection type 4	XD2
Connection type 5	XF2
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	gray
Coding	A
No. of poles	5
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO / IO-Link
PIN 5	0 V
amily construction form	M12
Gender	male
Color contact carrier	black
Coding	L
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
PIN 5	n.c.
Tomily construction form	M10
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	L .
No. of poles	4
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
Mounting method	inserted, screwed
Tightening torque	0,6 Nm



Gender	female	
Color contact carrier	black	
Coding	D	
No. of poles	4	
PIN 1	TD +	
PIN 2	RD+	
PIN 3	TD -	
PIN 4	BD -	