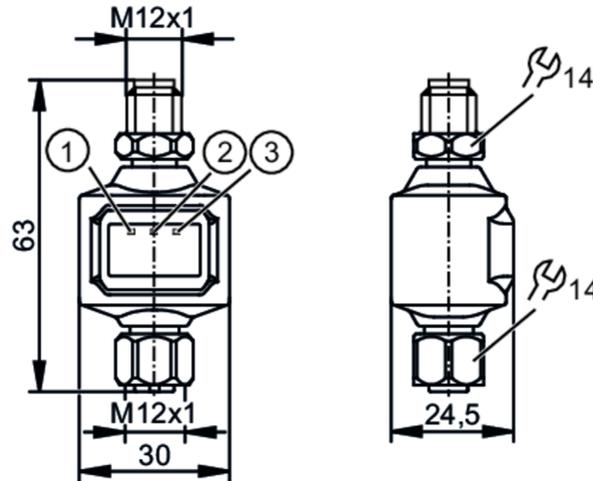


DP3223



Converter IO-Link - 0...10 V

CONV IO-LINK/2x0-10V/IP69K



- 1 LED I
- 2 Power
- 3 LED II



Product characteristics

Number of inputs and outputs	Number of analog outputs: 2
Communication interface	IO-Link

Application

Application	analog outputs controllable via IO-Link; for connecting analogously controlled actuators to an IO-Link system; for use in wet environments; indoor use
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Electrical data

Operating voltage [V]	18...30 DC; ((in wet environments: 18...28 V) to SELV/PELV)
Nominal voltage DC [V]	24
Current consumption [mA]	300
Max. current load total [A]	0.2

Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 2
------------------------------	-----------------------------

Outputs

Number of analog outputs	2
Analog voltage output [V]	0...10
Min. load resistance [Ω]	3000
Precision analog output [%]	0,25

Interfaces

Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Common - I&D	Identification and Diagnosis
SIO mode	no	
Required master port class	A/B	

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Process data analog		2
Min. process cycle time [ms]		3.6
IO-Link process data (cyclical)	Function	bit length
	device status	4
	voltage - output 1	16
	voltage - output 2	16
IO-Link functions (acyclical)		application specific tag
Supported DeviceIDs	Type of operation	DeviceID
	default	614

Operating conditions		
Ambient temperature [°C]		-25...70
Note on ambient temperature		2000 m: -25...70 °C
		3000 m: -25...64 °C
		4000 m: -25...62 °C
Storage temperature [°C]		-25...70
Max. relative air humidity [%]		90; (linearly decreasing to 50 % (40 °C) non condensing)
Max. height above sea level [m]		4000
Protection		IP 67; IP 69K
Degree of soiling		2
Chemical media	DIN EN ISO 175, Ecolab test method 40-1	
	the following media were tested for 28 days at constant room temperature using the dipping test method	P3-topax 66
		P3-topax 990
		Topactive 200
		Topactive 500
		Topactive OKTO

Tests / approvals		
MTTF [years]		432
UL approval	Ta	max. 55 °C
	File number UL	E205959

Mechanical data		
Weight [g]		78.5
Weight (without accessories and packaging) [g]		26.5
Housing		rectangular
Dimensions [mm]		63 x 30 x 24.5
Material		housing: PA
Material nut		stainless steel (1.4404 / 316L)
Sealing material		FKM

Displays / operating elements		
Display	Power	1 x LED, green
	analog output	2 x LED, yellow

Remarks		
Remarks		Further information is available in the manual. the device complies with overvoltage category II
Pack quantity		1 pcs.

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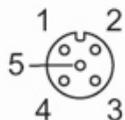


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Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Locking: stainless steel (1.4404 / 316L); sealing: FKM



1:	L+
2:	0...10 V analog output 2
3:	L-
4:	0...10 V analog output 1
5:	not used

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Locking: stainless steel (1.4404 / 316L)



1:	L+ supply voltage
2:	not used
3:	L- supply voltage
4:	C/Q IO-Link