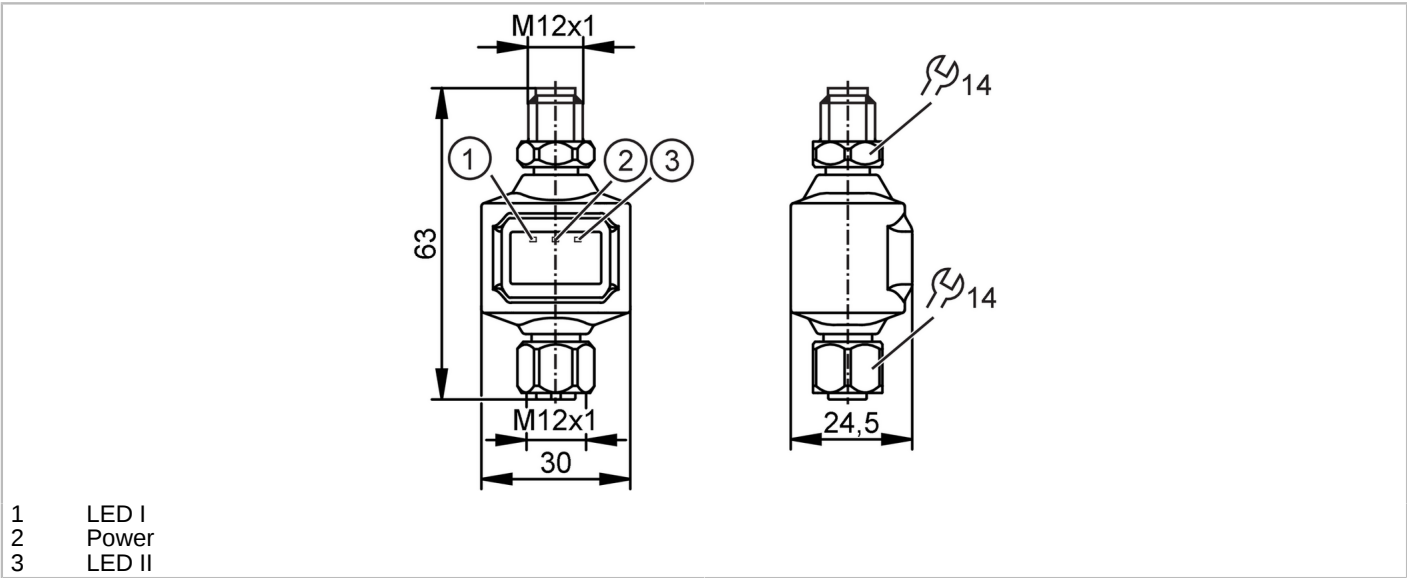


DP3223



Converter IO-Link - 0...10 V

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



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	
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	
Process data analog	2	

DP3223



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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
Pollution degree		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.	

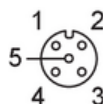


Converter IO-Link - 0...10 V

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

Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4; 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; Contacts: 4; Locking: stainless steel (1.4404 / 316L)



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