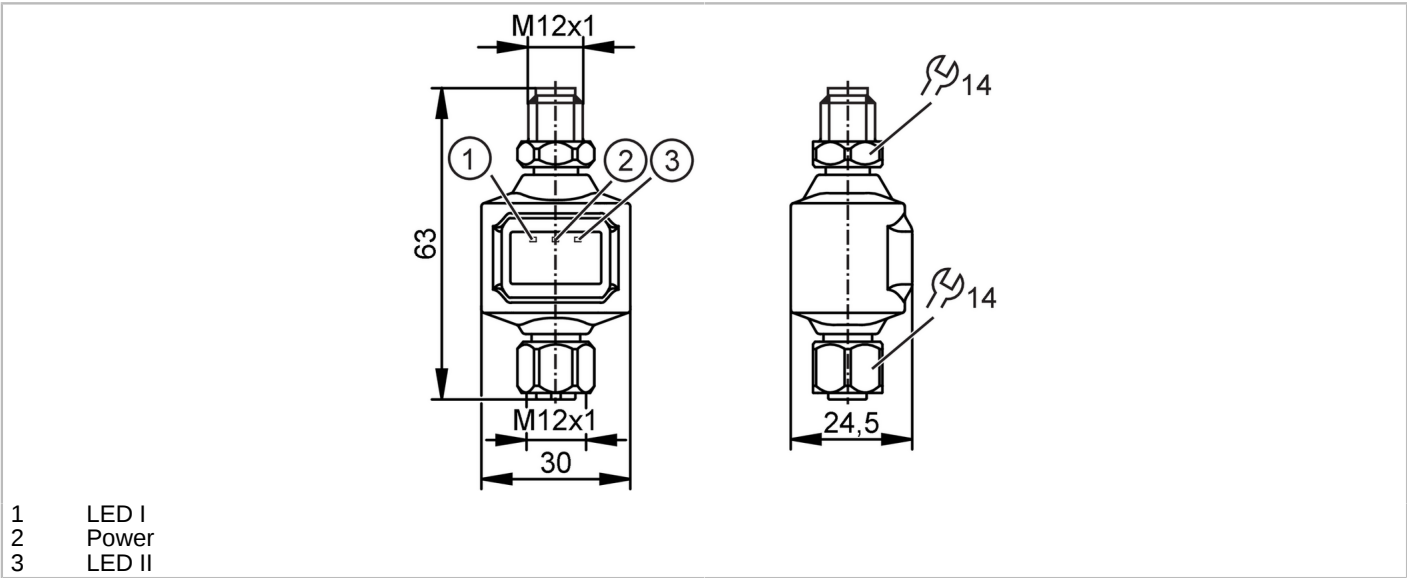


DP3222



Converter 0...10 V - IO-Link

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



Product characteristics		
Number of inputs and outputs		Number of analog inputs: 2
Communication interface		IO-Link
Application		
Application		converter from analog voltage signals to IO-Link; for connecting analog sensors 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
Inputs / outputs		
Number of inputs and outputs		Number of analog inputs: 2
Inputs		
Max. total current rating of inputs	[mA]	200
Number of analog inputs		2
Analog input (voltage)	[V]	0...10
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
Min. process cycle time	[ms]	4.3

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Converter 0...10 V - IO-Link

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

Supported DeviceIDs		Type of operation	DeviceID
		STATUS_B / CMPT = 2 (Factory setting)	1428
STATUS_B / CMPT = 2 (Factory setting)			
Profiles	Common - I&D		Identification and Diagnosis
	Function		Multiple switching signal
	Function		Adjustable switching signal
Min. process cycle time	[ms]	4.6	
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]	504	
UL approval	Ta		max. 55 °C
	File number UL		E205959
Mechanical data			
Weight	[g]	78.6	
Weight (without accessories and packaging)	[g]	27	
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 input		2 x LED, yellow
Remarks			
Remarks	Further information is available in the manual.		
	the device complies with overvoltage category II		
Pack quantity	1 pcs.		

DP3222

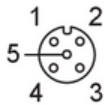


Converter 0...10 V - IO-Link

CONV 2x0-10V/IO-LINK/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 input 2 |
| 3: | L- |
| 4: | 0...10 V analog input 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 |