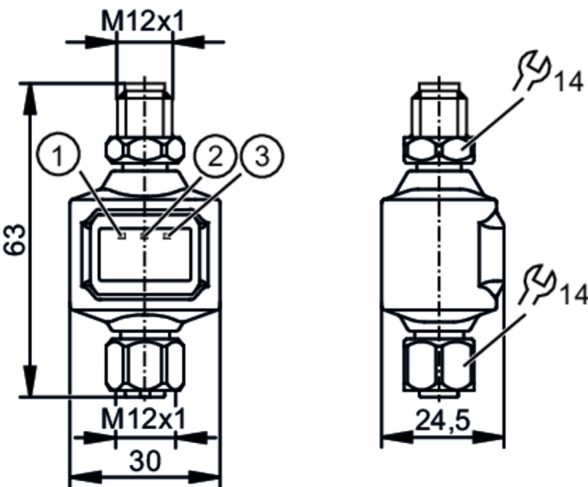




Converter 0...10 V - IO-Link

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



- 1 LED I
- 2 Power
- 3 LED II



Product characteristics		
Number of inputs and outputs	Number of analogue inputs: 2	
Communication interface	IO-Link	
Application		
Application	converter from analogue voltage signals to IO-Link; for connecting analogue 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 analogue inputs: 2	
Inputs		
Max. total current rating of inputs	[mA]	200
Number of analogue inputs		2
Analogue 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	Smart Sensor 0x4000: Identification and Diagnosis 0x8001: Switching Signal Channel 0x8006: Adjustable Switching Signal Channel	
SIO mode	no	
Required master port type	A/B	
Process data analogue	2	

DP3222



Converter 0...10 V - IO-Link

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Supported DeviceIDs		Type of operation	DeviceID
		STATUS_B / CMPT = 2 (Factory setting)	1428
DP3222 / CMPT = 1			
Min. process cycle time	[ms]	4.3	
DP3222 STATUS_B / CMPT = 2 (Factory setting)			
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	
Mechanical data			
Weight	[g]	78.6	
Weight (without accessories and packaging)	[g]	27	
Dimensions	[mm]	63 x 30 x 24.5	
Materials		housing: PA	
Material nut		stainless steel (316L/1.4404)	
Sealing material		FKM	
Displays / operating elements			
Display	operation	1 x LED, green	
	analogue input	2 x LED, yellow	
Remarks			
Remarks	For further information please see the operating instructions.		
Pack quantity	1 pcs.		

DP3222



Converter 0...10 V - IO-Link

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

Electrical connection - plug

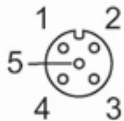
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404)



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

Electrical connection - socket

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



- | | |
|----|---------------------------|
| 1: | L+ |
| 2: | 0...10 V analogue input 2 |
| 3: | L- |
| 4: | 0...10 V analogue input 1 |
| 5: | not used |