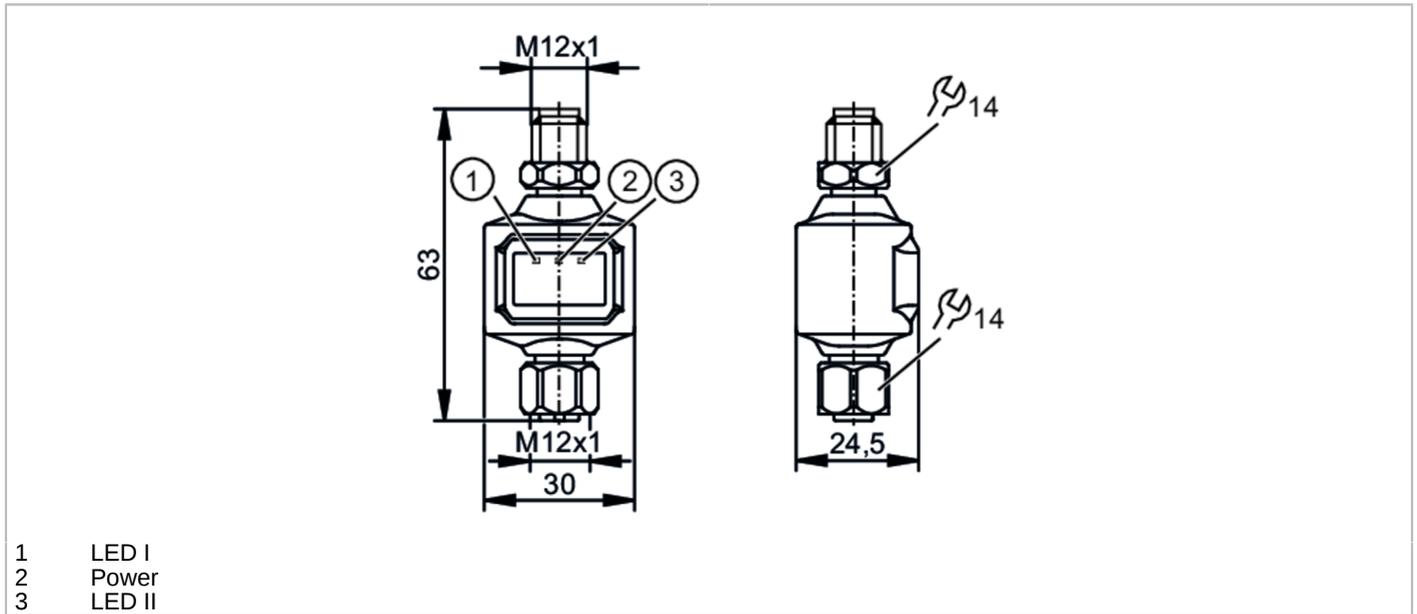


DP3222



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 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
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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

Inputs / outputs

Number of inputs and outputs	Number of analog inputs: 2
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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

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Min. process cycle time	[ms]	4.3
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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
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Operating conditions

Ambient temperature	[°C]	-25...70
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Note on ambient temperature	2000 m: -25...70 °C
	3000 m: -25...64 °C
	4000 m: -25...62 °C

Storage temperature	[°C]	-25...70
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Max. relative air humidity	[%]	90; (linearly decreasing to 50 % (40 °C) non condensing)
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Max. height above sea level	[m]	4000
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Protection		IP 67; IP 69K
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Degree of soiling		2
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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
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UL approval	Ta	max. 55 °C
	File number UL	E205959

Mechanical data

Weight	[g]	78.6
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Weight (without accessories and packaging)	[g]	27
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Housing		rectangular
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Dimensions	[mm]	63 x 30 x 24.5
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Material		housing: PA
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Material nut		stainless steel (1.4404 / 316L)
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Sealing material		FKM
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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
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Pack quantity		1 pcs.
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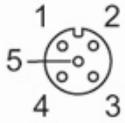


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Electrical connection - Socket

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



1:	L+
2:	0...10 V analog input 2
3:	L-
4:	0...10 V analog input 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