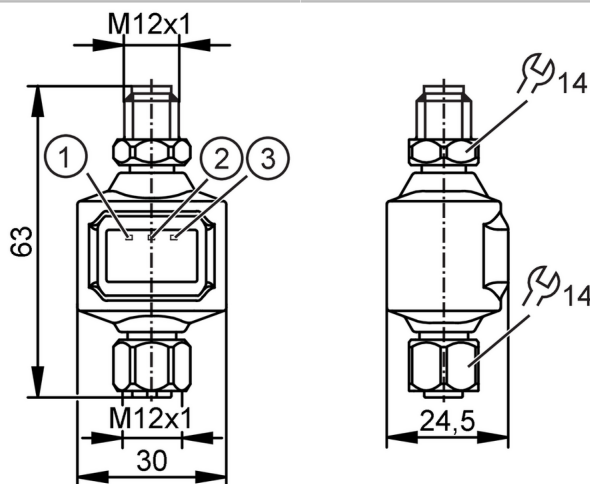


DP3213



Converter IO-Link - 4...20 mA

CONV IO-LINK/2x4-20mA/IP69K



- 1 LED I
- 2 Power
- 3 LED II



IO-Link



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 current output	[mA]	4...20
Max. load	[Ω]	300
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	

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Min. process cycle time	[ms]	3.6
Supported DeviceIDs	Type of operation	DeviceID
	default	612
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]	298
UL approval	Ta	max. 55 °C
	File number UL	E205959
Mechanical data		
Weight	[g]	79.2
Weight (without accessories and packaging)	[g]	28
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.	

DP3213

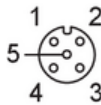


Converter IO-Link - 4...20 mA

CONV IO-LINK/2x4-20mA/IP69K

Electrical connection - Socket

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



- | | |
|----|---------------------------|
| 1: | L+ |
| 2: | 4...20 mA analog output 2 |
| 3: | L- |
| 4: | 4...20 mA 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 |