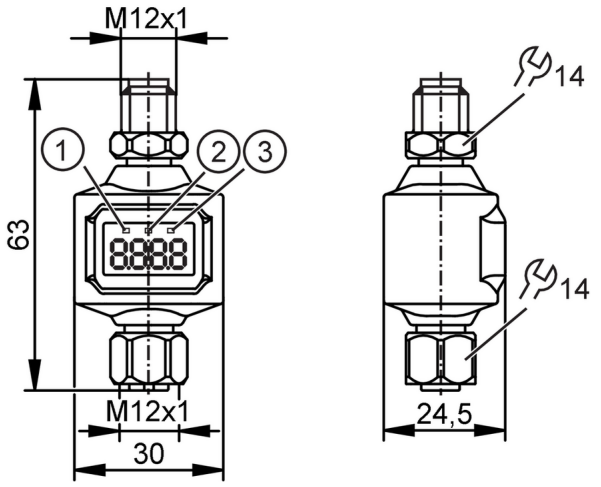
DP4200

Evaluation system and display for analogue signals

ANLG THOLD DISP/4-20mA/IP69K



1 LED I
2 Power
3 LED II

Application		
Application		decentralised display, preprocessing and conversion of analogue signals; 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]	30...900
Max. current load total	[A]	0.8
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 1; Number of digital outputs: 1; Number of analogue outputs: 1
Inputs		
Sensor supply of the inputs		from operating voltage
Number of analogue inputs		1
Analogue input (current)	[mA]	4...20
Resolution of analogue input		10 Bit
Outputs		
Number of digital outputs		1
Voltage range DC	[V]	10...30
Output function		normally open / normally closed; (parameterisable)
Max. current load per output	[mA]	50
Number of analogue outputs		1
Analogue current output	[mA]	4...20
Accuracy / deviations		
Accuracy		0.75; (% of the final value of the measuring range analogue input)
Interfaces		
Communication interface		IO-Link
Transmission type		COM2 (38,4 kBaud)

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IO-Link revision		1.1	
SDCI standard		IEC 61131-9	
Profiles		Smart Sensor - SSP 0	Generic Profiled Sensor
		Function	Device identification
		Function	Process data variable
		Function	Device diagnosis
SIO mode		yes	
Required master port type		A	
Process data analogue		1	
Process data binary		1	
Min. process cycle time	[ms]	3.2	
Supported DeviceIDs		**Type of operation**	**DeviceID**
		default	610
Operating conditions			
Ambient temperature	[°C]	-25...60	
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]	370	
UL approval		Ta	max. 55 °C
		File number UL	E205959
Mechanical data			
Weight	[g]	78.5	
Weight (without accessories and packaging)	[g]	27	
Housing		rectangular	
Dimensions	[mm]	63 x 30 x 24.5	
Materials		housing: PA	
Material nut		stainless steel (316L/1.4404)	
Sealing material		FKM	

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Displays / operating elements		
Display	switching status	LED, yellow
	operation	LED, green
		7-segment LED display, red/green 4-digit parameterisable
		digit height 6,8 mm
		digit width 3,8 mm

Remarks	
Remarks	For further information please see the operating instructions.
	the device complies with overvoltage category II
Pack quantity	1 pcs.

Electrical connection - plug

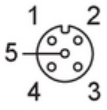
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404)



1: L+	supply voltage
2: OUT2	analogue output
3: L-	supply voltage
4: OUT1	IO-Link (C/Q)

Electrical connection - socket

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



1: L+	Sensor supply
2: 4...20 mA	analogue input
3: L-	Sensor supply
4:	not used
5:	not used