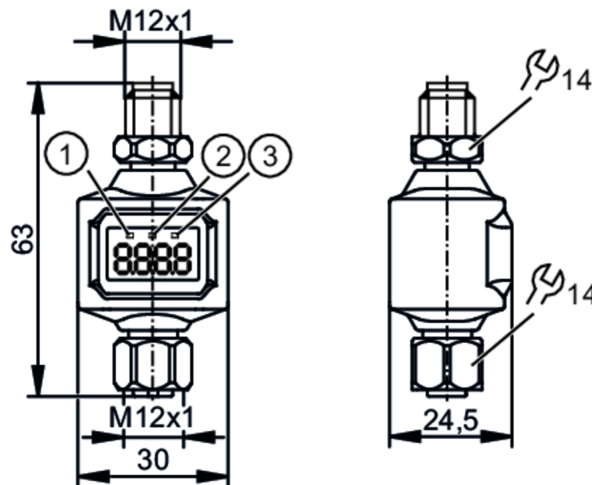


DP4200



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
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



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Supported DeviceIDs		Type of operation	DeviceID
		default	610
IO-Link Device			
Transmission type		COM2 (38,4 kBaud)	
IO-Link revision		1.1	
SDCI standard		IEC 61131-9	
Profiles		Smart Sensor	
SIO mode		yes	
Required master port type		A	
Process data analogue		1	
Process data binary		1	
Min. process cycle time [ms]		3	
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	
Mechanical data			
Weight [g]		78.5	
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		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.	

DP4200



Evaluation system and display for analogue signals

ANLG THOLD DISP/4-20mA/IP69K

Pack quantity	1 pcs.
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Electrical connection - plug

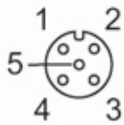
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404)



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