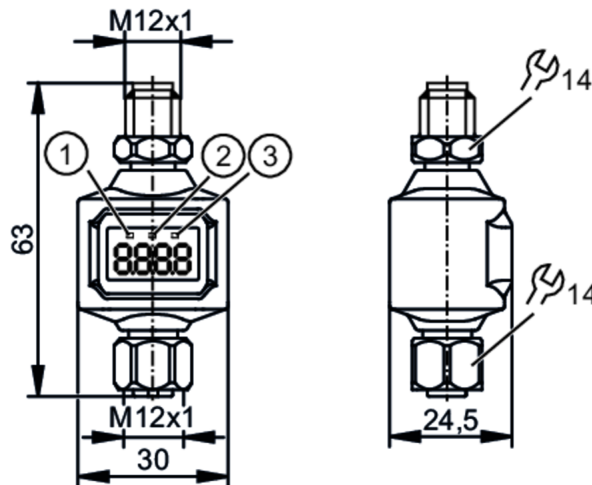


DP4200



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	
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.	
Pack quantity		1 pcs.	

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Electrical connection - plug

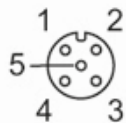
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404)



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