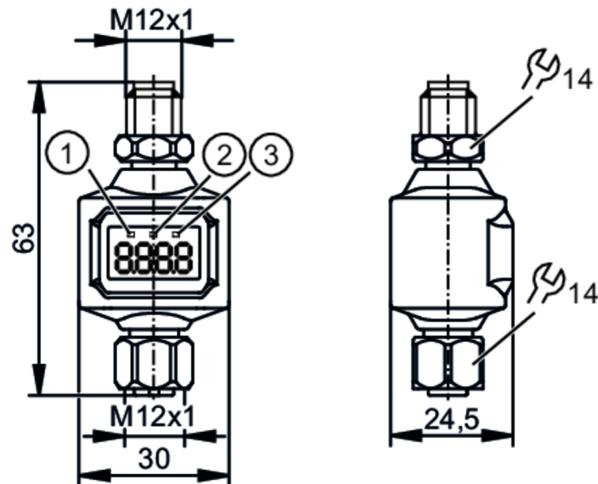


# DP4200

## Evaluation system and display for analog signals

ANLG THOLD/4-20mA/IP69K



- 1 LED I
- 2 Power
- 3 LED II



### Application

Application	decentralized display, preprocessing and conversion of analog signals; 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]	30...900
Max. current load total	[A]	0.8

### Inputs / outputs

Number of inputs and outputs	Number of analog inputs: 1; Number of digital outputs: 1; Number of analog outputs: 1
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### Inputs

Sensor supply of the inputs	from the operating voltage
Number of analog inputs	1
Analog input (current)	[mA] 4...20

### Outputs

Number of digital outputs	1
Voltage range DC	[V] 10...30
Output function	normally open / closed; (configurable)
Max. current load per output	[mA] 50
Number of analog outputs	1
Analog current output	[mA] 4...20

### Accuracy / deviations

Accuracy	0.75; (% of the final value of the measuring range analog input)
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### Interfaces

Communication interface	IO-Link
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# DP4200



## Evaluation system and display for analog signals

ANLG THOLD DISP/4-20mA/IP69K

Supported DeviceIDs	Type of operation	DeviceID
	default	610
<strong>IO-Link Device</strong>		
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 class		A
Process data analog		1
Process data binary		1
Min. process cycle time [ms]		3
<strong>Operating conditions</strong>		
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
Degree of soiling		2
<strong>Tests / approvals</strong>		
MTTF [years]		370
<strong>Mechanical data</strong>		
Weight [g]		78.5
Weight (without accessories and packaging) [g]		27
Dimensions [mm]		63 x 30 x 24.5
Material		housing: PA
Material nut		stainless steel (1.4404 / 316L)
Sealing material		FKM
<strong>Displays / operating elements</strong>		
Display	Switching status	LED, yellow
	Power	LED, green
		7-segment LED display, red/green 4-digit configurable
		digit height 6,8 mm
		digit width 3,8 mm
<strong>Remarks</strong>		
Remarks	Further information is available in the manual.	
Pack quantity	1 pcs.	

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## Evaluation system and display for analog signals

ANLG THOLD DISP/4-20mA/IP69K

### Electrical connection - plug

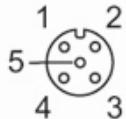
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (1.4404 / 316L)



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

### Electrical connection - Socket

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



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