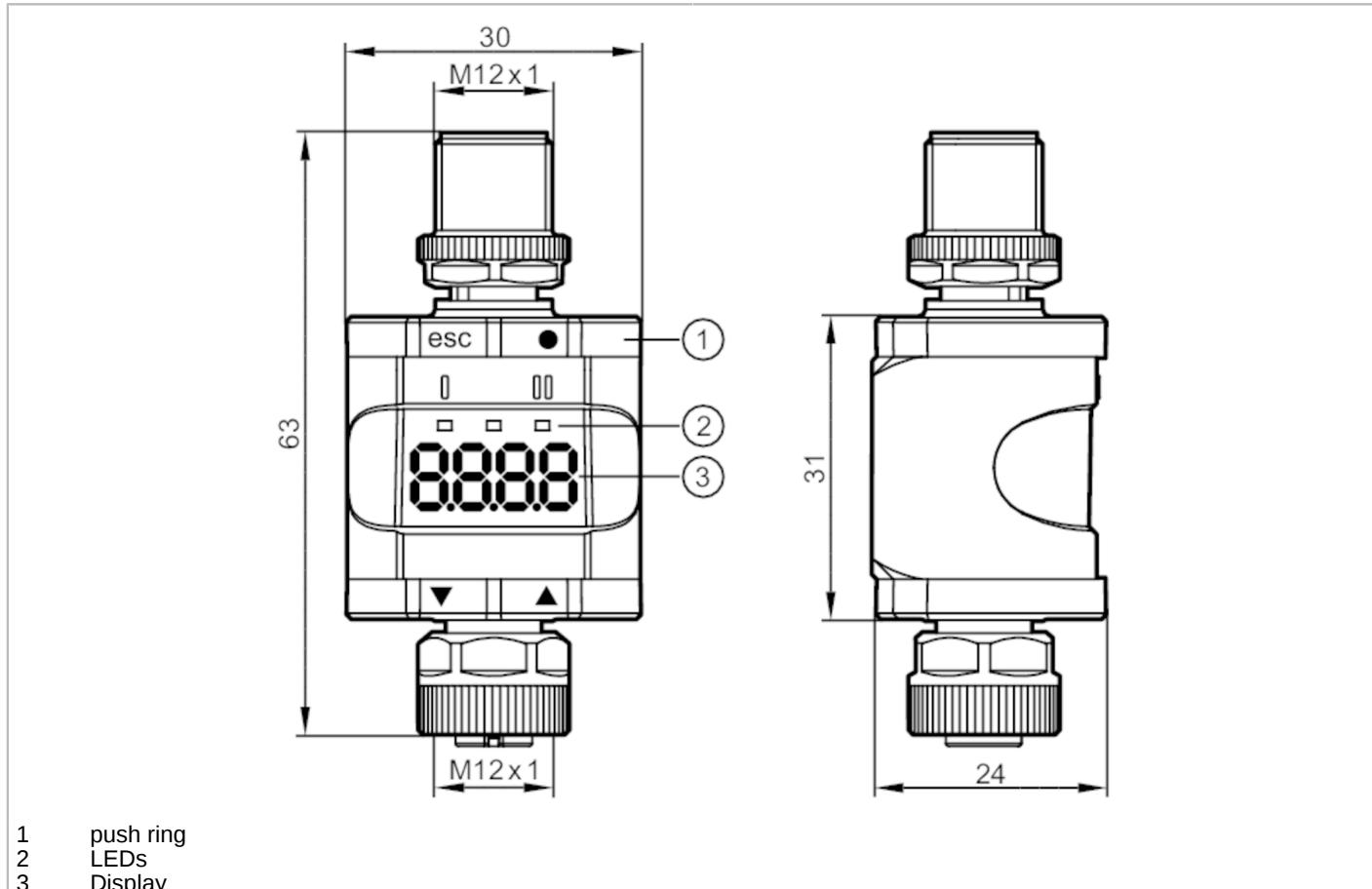


DP2200



Evaluation system and display for analogue signals

Analog Threshold Displ./4-20mA



- 1 push ring
- 2 LEDs
- 3 Display



Application

Application	decentralised display, preprocessing and conversion of analogue signals
-------------	---

Electrical data

Operating voltage	[V]	18...30 DC; (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]
Resolution of analogue input	10 Bit

Outputs

Number of digital outputs	1
Voltage range DC	[V]
Output function	normally open / normally closed; (parameterisable)
Max. current load per output	[mA]

DP2200



Evaluation system and display for analogue signals

Analog Threshold Displ./4-20mA

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	
Supported DeviceIDs	Type of operation	DeviceID
	IO-Link Device	610
IO-Link Device		
Transmission type	COM2 (38,4 kBaud)	
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
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	
Pollution degree	2	
Tests / approvals		
MTTF [years]	373	
UL approval	Ta	max. 55 °C
	File number UL	E205959
Mechanical data		
Weight [g]	84.4	
Housing	rectangular	
Dimensions [mm]	63 x 30 x 24	
Materials	housing: PA	
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

DP2200



Evaluation system and display for analogue signals

Analog Threshold Displ./4-20mA

Accessories

Accessories (optional)

mounting clip

Remarks

Remarks

For further information please see the operating instructions.

the device complies with overvoltage category II

Pack quantity

1 pcs.

Electrical connection - plug

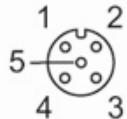
Connector: 1 x M12; coding: A



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

Electrical connection - socket

Connector: 1 x M12; coding: A



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