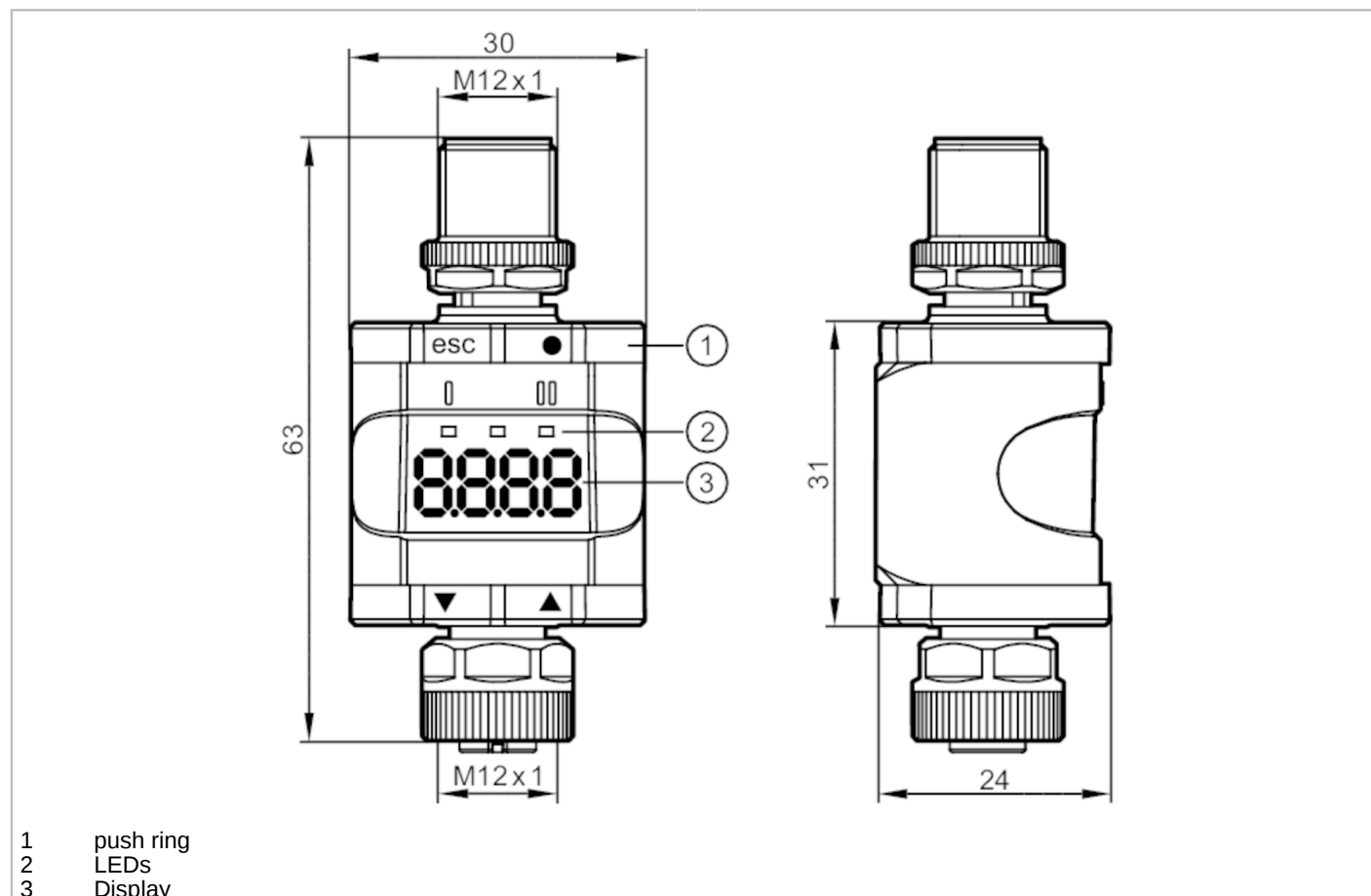




Evaluation system and display for analogue signals

Analog Threshold Displ./4-20mA



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...830; (24 V DC, full load)
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 1; Number of digital outputs: 1
Inputs		
Sensor supply of the inputs		24 V DC
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
Analogue current output	[mA]	4...20
Precision analogue output	[%]	0,5



Evaluation system and display for analogue signals

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Resolution of analogue output	12 Bit	
Accuracy / deviations		
Measuring error [% of the final value]	0,5	
Interfaces		
Communication interface	IO-Link	
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]	2000	
Protection	IP 67	
Tests / approvals		
MTTF [years]	373	
UL approval	File number UL	E205959
Mechanical data		
Weight [g]	108	
Dimensions [mm]	63 x 30 x 24	
Materials	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
Accessories		
Accessories (optional)	mounting clip	
Remarks		
Remarks	For further information please see the operating instructions.	
Pack quantity	1 pcs.	



Evaluation system and display for analogue signals

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Electrical connection - plug

Connector: M12; coding: A

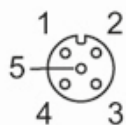


Connection

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

Electrical connection - socket

Connector: M12; coding: A



Connection

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