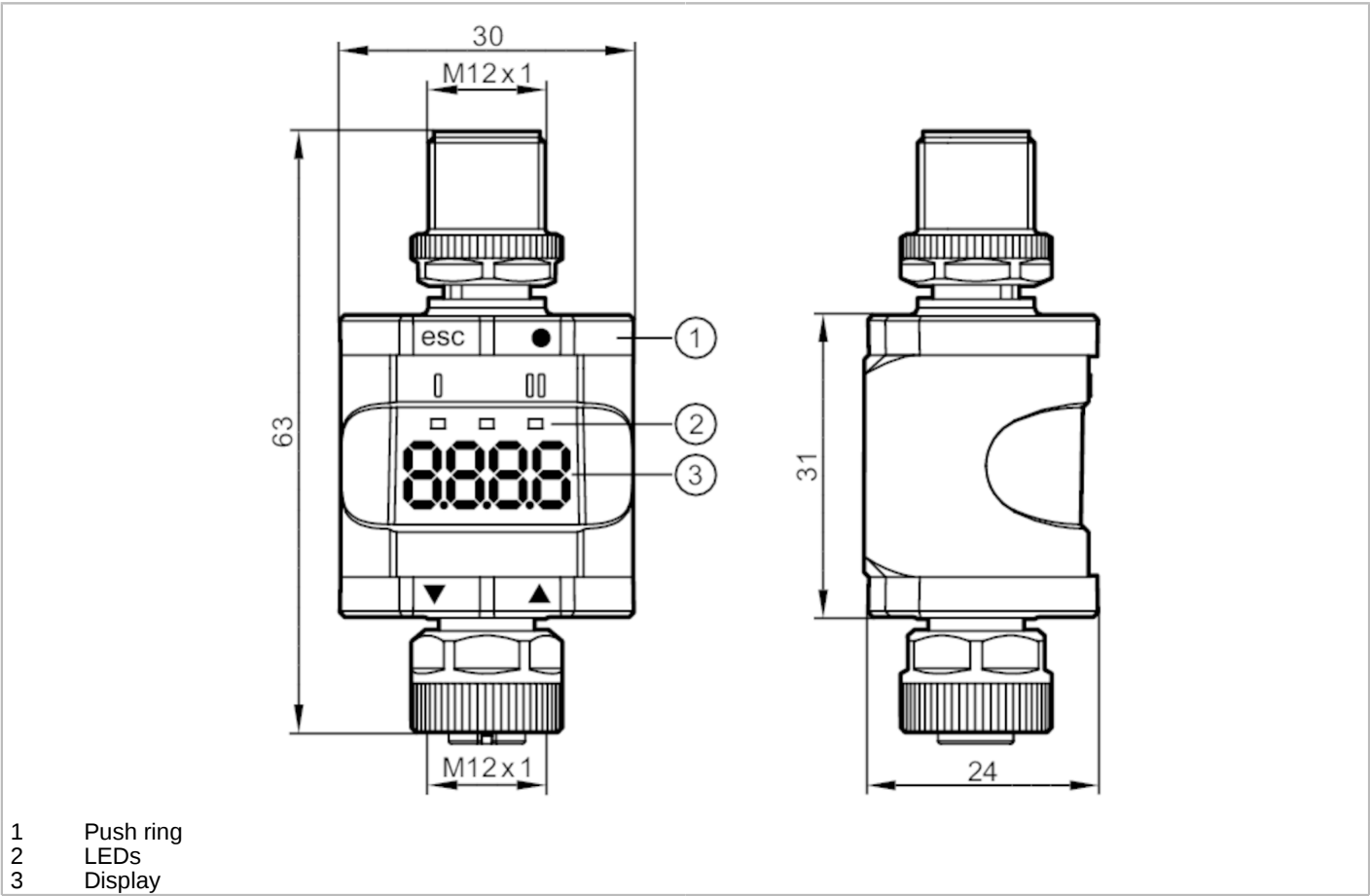


DP2200



Evaluation system and display for analog signals

Analog Threshold Displ./4-20mA



Application		
Application	decentralized display, preprocessing and conversion of analog 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 analog inputs: 1; Number of digital outputs: 1; Number of analog outputs: 1	
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	

DP2200



Evaluation system and display for analog signals

Analog Threshold Displ./4-20mA

Analog current output	[mA]	4...20
Resolution of analog output		10 Bit
Accuracy / deviations		
Accuracy		0.75; (% of the final value of the measuring range analog output)
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 class		A
Process data analog		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
Degree of soiling		2
Tests / approvals		
MTTF	[years]	373
Mechanical data		
Weight	[g]	108
Dimensions	[mm]	63 x 30 x 24
Material		PA
Displays / operating elements		
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
Accessories		
Accessories (optional)		mounting clip
Remarks		
Remarks		Further information is available in the manual.
Pack quantity		1 pcs.



Evaluation system and display for analog signals

Analog Threshold Displ./4-20mA

Electrical connection - plug

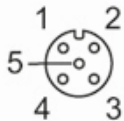
Connector: 1 x M12; coding: A



- | | |
|---------|---------------|
| 1: L+ | supply |
| 2: OUT2 | analog 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 | analog input |
| 3: L- | Sensor supply |
| 4: | not used |
| 5: | not used |