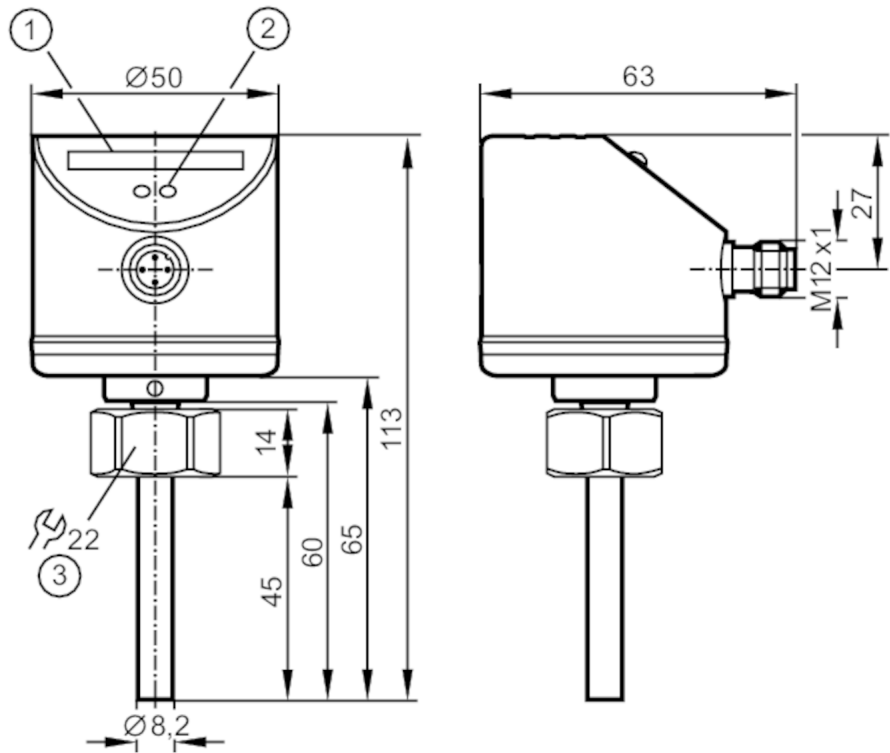




Flow transmitter

SID10ADB10OG/



- 1 LED bar display
- 2 setting pushbutton
- 3 Tightening torque 25 Nm



Product characteristics			
Number of inputs and outputs		Number of analogue outputs: 1	
Process connection		threaded connection M18 x 1,5 internal thread	
Application			
Media		Liquids	
Medium temperature [°C]		-25...80	
Pressure rating		300 bar	30 MPa
MAWP for applications according to CRN [bar]		208	
Liquids			
Medium temperature [°C]		-25...80	
Electrical data			
Operating voltage [V]		19...36 DC	
Current consumption [mA]		< 60	
Protection class		III	
Reverse polarity protection		yes	
Power-on delay time [s]		10	
Inputs / outputs			
Number of inputs and outputs		Number of analogue outputs: 1	



Flow transmitter

SID10ADB10OG/

Outputs		
Total number of outputs		1
Output signal		analogue signal
Number of analogue outputs		1
Analogue current output	[mA]	4...20
Max. load	[Ω]	500
Overload protection		yes
Measuring/setting range		
Probe length L	[mm]	45
Liquids		
Setting range	[cm/s]	3...300
Greatest sensitivity	[cm/s]	3...100
Accuracy / deviations		
Repeatability	[cm/s]	1...5
Note on repeatability		for water 5...100 cm/s; 25 °C
		Factory setting
Temperature drift	[cm/s x 1/K]	0.1; (for water 5...100 cm/s; 10...70 °C)
Measuring error	[% of the final value]	± 2...± 10
Response times		
Response time	[s]	1...10
Liquids		
Response time	[s]	1...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-25...100
Protection		IP 67
Tests / approvals		
EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-3	
Shock resistance	DIN EN 60068-2-27	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	20 g (55...2000 Hz)
MTTF	[years]	259
Mechanical data		
Weight	[g]	230
Housing		cylindrical
Dimensions	[mm]	Ø 50 / L = 113
Materials		stainless steel (316L/1.4404); stainless steel (304/1.4301); PC; PBT-GF20; EPDM/X
Materials (wetted parts)		stainless steel (316L/1.4404); O-ring: FKM 80 Shore A
Process connection		threaded connection M18 x 1,5 internal thread
Probe diameter	[mm]	8.2
Installation length EL	[mm]	45

SI5004



Flow transmitter

SID10ADB10OG/

Displays / operating elements

Display	function	10 x LED, three-colour
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

