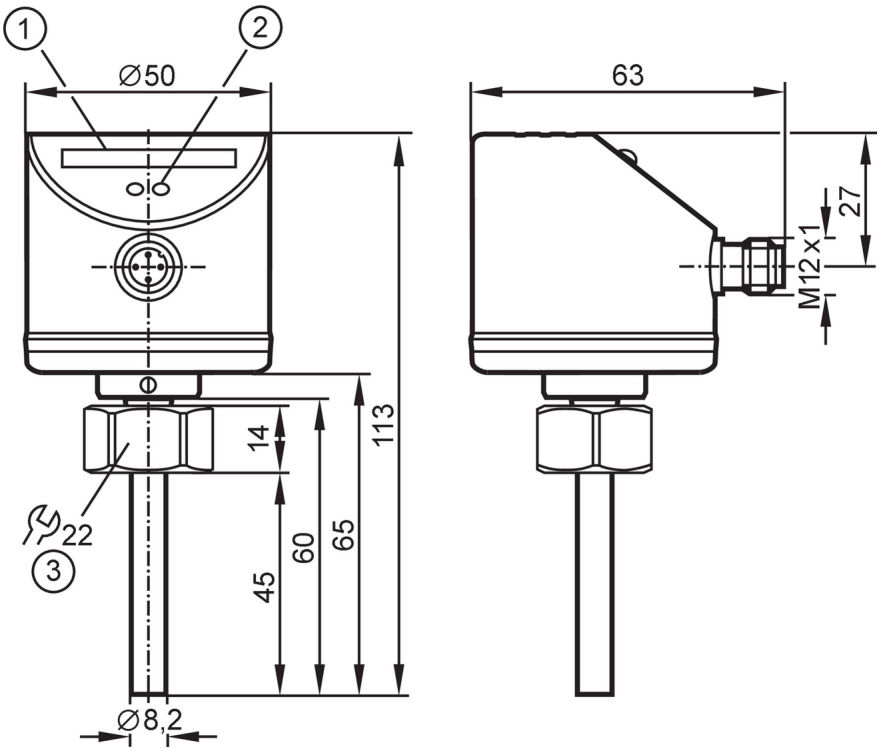
SI5004

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	
Outputs			
Total number of outputs		1	

SI5004

Flow transmitter

SID10ADB10OG/

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
Displays / operating elements			
Display		function	10 x LED, three-colour

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Flow transmitter

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Remarks

Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection

