

SI5004



Flow transmitter

SID10ADB10OG/



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



Product characteristics		
Number of inputs and outputs	Number of analog 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 analog outputs: 1	



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Outputs		
Total number of outputs		1
Output signal		analog signal
Number of analog outputs		1
Analog 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]		$\pm 2... \pm 10$
Reaction 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		tubular
Dimensions [mm]		$\varnothing 50 / L = 113$
Material		stainless steel (1.4404 / 316L); stainless steel (1.4301 / 304); PC; PBT-GF20; EPDM/X
Materials (wetted parts)		stainless steel (1.4404 / 316L); 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

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Displays / operating elements

Display	Function	10 x LED, three-color
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

