SI1004

Flow monitor

SID10ADB100G/US-100-IAZ

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Alternative articles: SI5004

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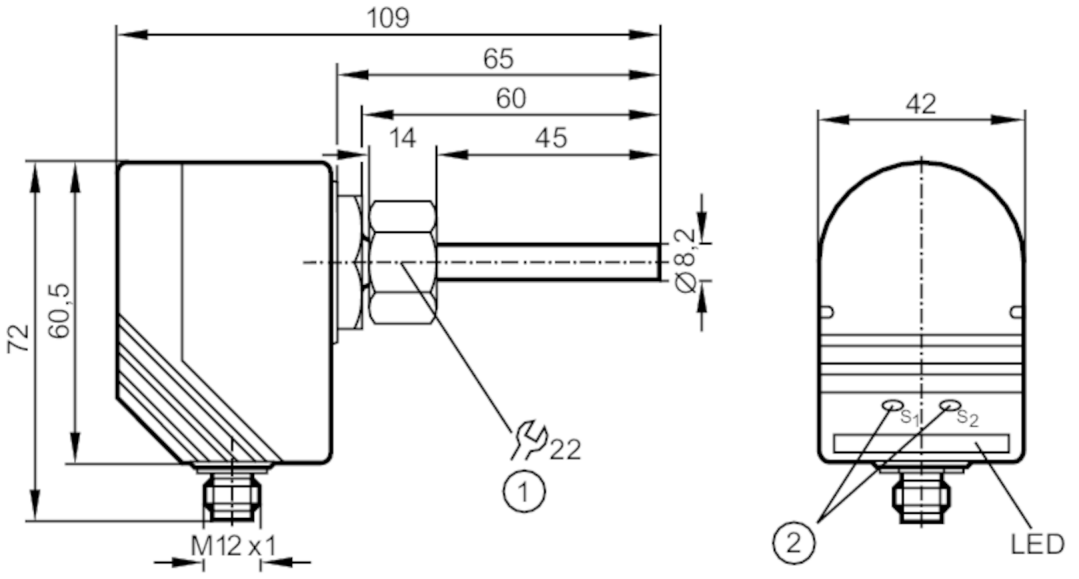

1 internal thread M18 x 1.5
2 setting pushbuttons

Product characteristics		
Number of inputs and outputs		Number of analogue outputs: 1
Process connection		M18 x 1,5 internal thread
Application		
Media		Liquids
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	300
Liquids		
Medium temperature	[°C]	-25...80
Electrical data		
Operating voltage	[V]	20...36 DC; (according to EN 50178 SELV/PELV ; with reference to UL: "limited voltage" with overcurrent protection in accordance with UL508)
Current consumption	[mA]	90; (without load)
Reverse polarity protection		yes
Power-on delay time	[s]	15; (optically indicated)
Inputs / outputs		
Number of inputs and outputs		Number of analogue outputs: 1
Outputs		
Total number of outputs		1

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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			
Liquids			
Setting range	[cm/s]		3...60
Response times			
Response time	[s]		1...10
Liquids			
Response time	[s]		1...10
Operating conditions			
Ambient temperature	[°C]		-25...80
Protection			IP 67
Tests / approvals			
Shock resistance		DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance		DIN EN 60068-2-6	20 g (55...2000 Hz)
Mechanical data			
Dimensions	[mm]		M18 x 1.5
Thread designation			M18 x 1.5
Materials			PBT-GF20
Materials (wetted parts)			stainless steel (1.4404 / 316L); O-ring: FPM 8 x 1,5 gr 80° Shore A
Process connection			M18 x 1,5 internal thread
Displays / operating elements			
Display		function	10 x LED, 2-colour
Remarks			
Pack quantity			1 pcs.
Electrical connection			

Connector: 1 x M12; coding: A

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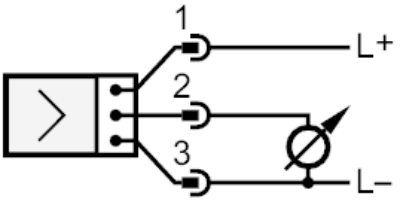
Connection