

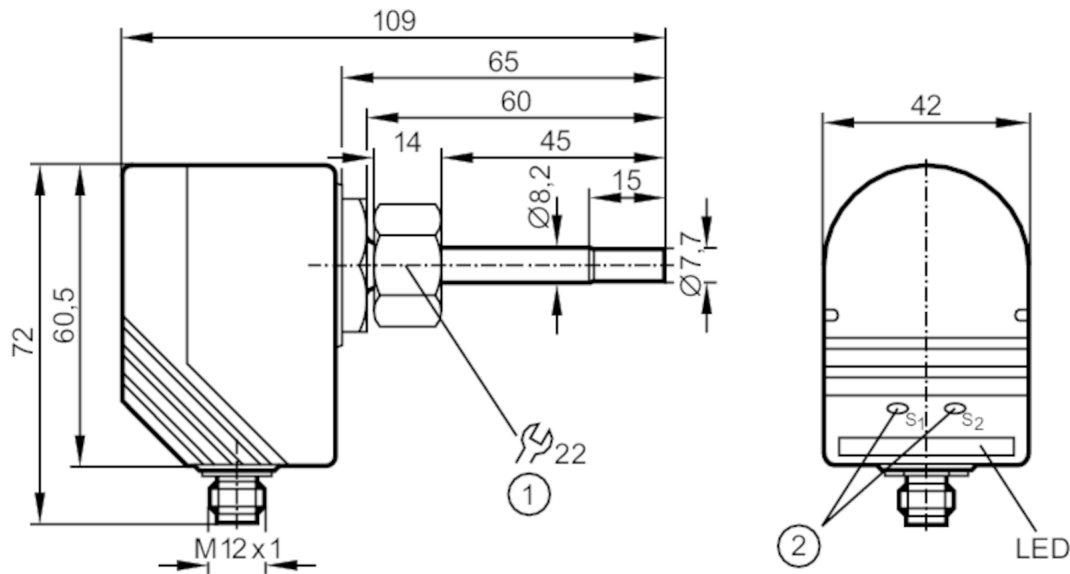
SI0104



Flow monitor

SID10ABB100G/US-100-IAZ

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- 1 Internal thread M18 x 1.5
2 setting pushbuttons



Product characteristics

Number of inputs and outputs	Number of analog outputs: 1
Process connection	M18 x 1,5 Internal thread

Application

Media	Liquids
Medium temperature [°C]	-25...80
Pressure rating [bar]	30

Liquids

Medium temperature [°C]	-25...80
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Electrical data

Operating voltage [V]	20...36 DC; (to SELV/PELV ; referring 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 analog outputs: 1
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Outputs

Total number of outputs	1
Output signal	analog signal
Number of analog outputs	1

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Analog current output	[mA]	4...20
Max. load	[Ω]	500
Overload protection		yes

Measuring/setting range

Liquids		
Setting range	[cm/s]	3...60

Reaction times

Response time	[s]	1...10
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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
Material		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-color
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



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Connection

