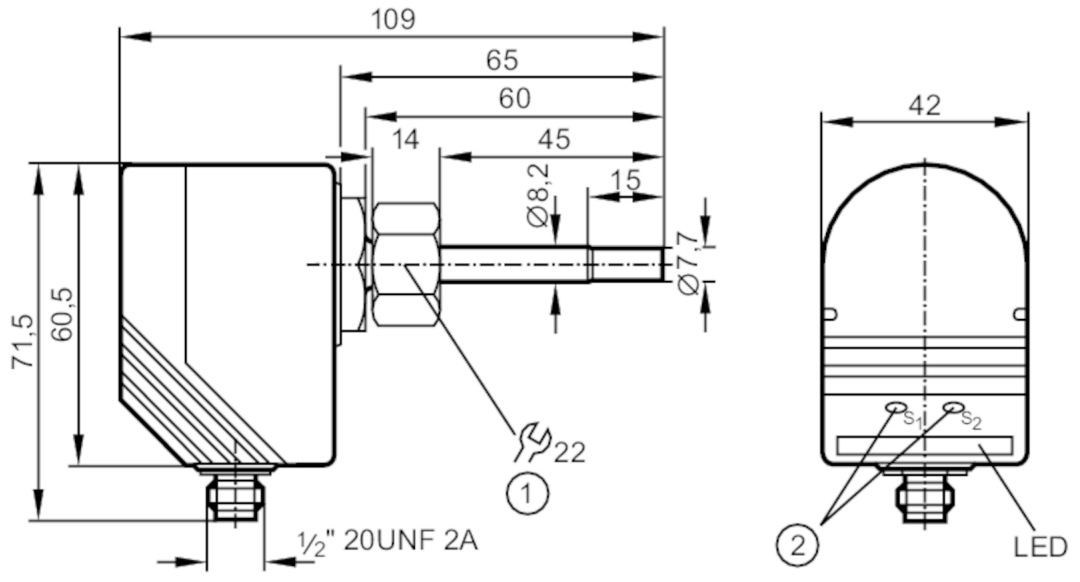
SI0106

Flow monitor

SID10ABBFKOW/LS-100-IRF

Article no longer available - archive entry



1 internal thread M18 x 1.5
2 setting pushbuttons

Product characteristics		
Number of inputs and outputs		Number of digital outputs: 1
Process connection		M18 x 1,5 internal thread
Application		
Media		Liquids; Gases
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	30
Liquids		
Medium temperature	[°C]	-25...80
Gases		
Medium temperature	[°C]	-25...80
Electrical data		
Operating voltage tolerance	[%]	-5...10
Operating voltage	[V]	85...265 AC
Nominal voltage AC	[V]	< 240
Protection class		II
Reverse polarity protection		no
Power-on delay time	[s]	15; (optically indicated)
Inputs / outputs		
Number of inputs and outputs		Number of digital outputs: 1

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Outputs			
Total number of outputs			1
Output signal			switching signal
Electrical design			relay
Number of digital outputs			1
Output function			normally open / normally closed; (parameterisable)
Contact rating			3 A (250 V AC / 30 V DC); (number of switching cycles: 20 million mechanically; switching cycles at 3 A load: 100,000 electrical; type of switch-off: normally open)
Short-circuit proof			no
Overload protection			no
Measuring/setting range			
Liquids			
Setting range	[cm/s]		3...300
Greatest sensitivity	[cm/s]		3...60
Gases			
Setting range	[cm/s]		200...3000
Greatest sensitivity	[cm/s]		200...800
Accuracy / deviations			
Temperature gradient	[K/min]		300
Response times			
Response time	[s]		1...10
Liquids			
Response time	[s]		1...10
Gases			
Response time	[s]		1...10
Software / programming			
Adjustment of the switch point			pushbutton
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			
Weight	[g]		0.276
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, three-colour

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Electrical connection	
Required protection	miniature fuse to IEC60127-2 sheet 1; ≤ 5 A; fast acting

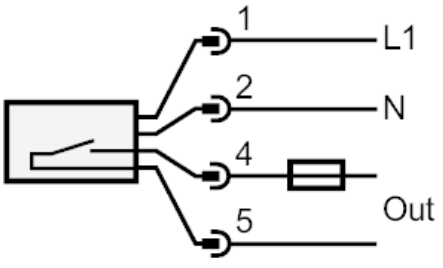
Remarks	
Remarks	Recommendation Check the safe functioning of the unit after a short circuit.
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x 1/2"; coding: C



Connection



Note miniature fuse to IEC60127-2 sheet 1 ≤ 5 A fast acting