SI0508

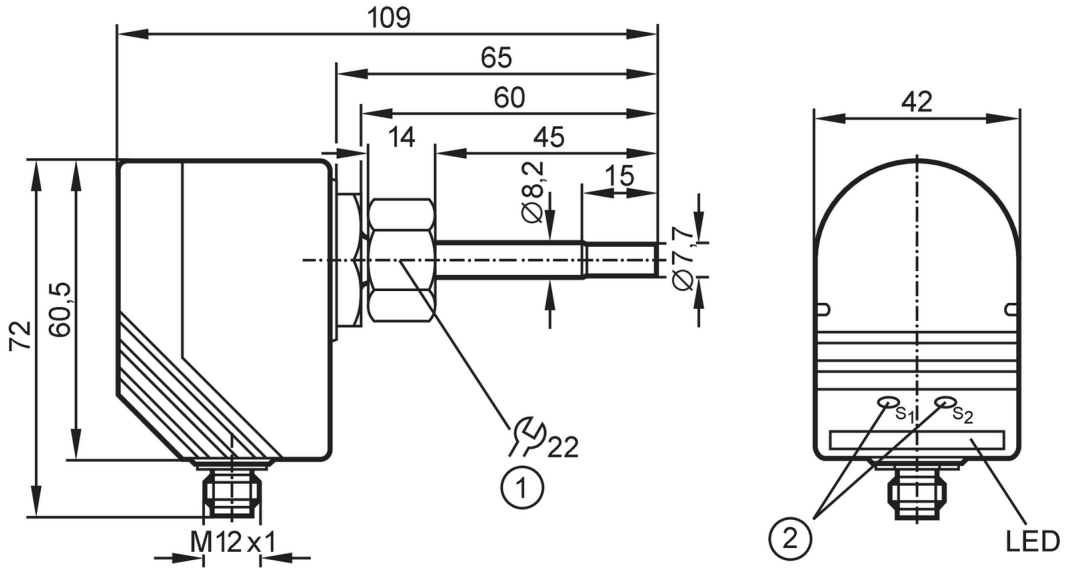
Flow monitor

SID10ABBFPKG/US-100-IPF

Article no longer available - archive entry

Alternative articles: SI5000

When selecting an alternative article and accessories please note that technical data may differ!



1 internal thread M18 x 1.5
2 setting pushbuttons

Product characteristics			
Number of inputs and outputs		Number of digital outputs: 1	
Process connection		threaded connection M18 x 1,5 internal thread	
Application			
Media		Liquids; Gases	
Medium temperature	[°C]	-25...80	
Pressure rating		30 bar	3 MPa
Liquids			
Medium temperature	[°C]	-25...80	
Gases			
Medium temperature	[°C]	-25...80	
Electrical data			
Operating voltage	[V]	20...36 DC; (to SELV/PELV)	
Current consumption	[mA]	< 80	
Reverse polarity protection		yes	
Power-on delay time	[s]	10; (optically indicated)	
Inputs / outputs			
Number of inputs and outputs		Number of digital outputs: 1	
Outputs			
Total number of outputs		1	
Output signal		switching signal	

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Electrical design			PNP
Number of digital outputs			1
Output function			normally open / normally closed; (parameterisable)
Max. voltage drop switching output DC	[V]		2.5
Permanent current rating of switching output DC	[mA]		400
Short-circuit protection			yes
Type of short-circuit protection			pulsed
Overload protection			yes
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
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]		274.5
Housing			rectangular
Dimensions	[mm]		60.5 x 42 x 109
Materials			PBT-GF20
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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Remarks

Pack quantity	1 pcs.

Electrical connection

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



Connection

