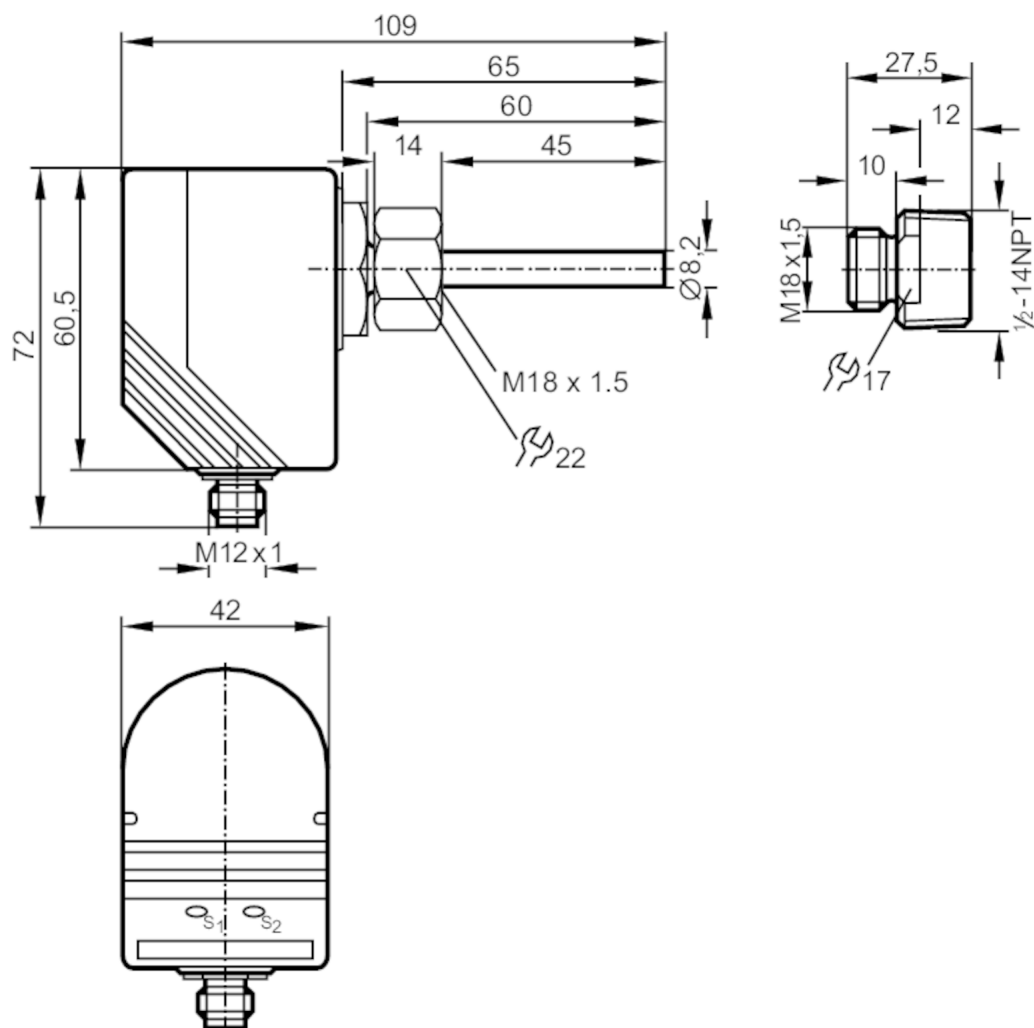


Flow monitor

KIT, SI0508 W/ E40107



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
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Gases

Medium temperature [°C]	-25...80
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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]	< 80



Flow monitor

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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	
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		
Probe length L [mm]	45	
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]	326.586	
Dimensions [mm]	M18 x 1.5	



Flow monitor

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Thread designation	M18 x 1.5
Materials	PBT-GF20
Materials (wetted parts)	stainless steel (316L/1.4404); O-ring: FKM 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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Accessories

Items supplied	Adapter: 1 x 1/2-14NPT, E40107
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

