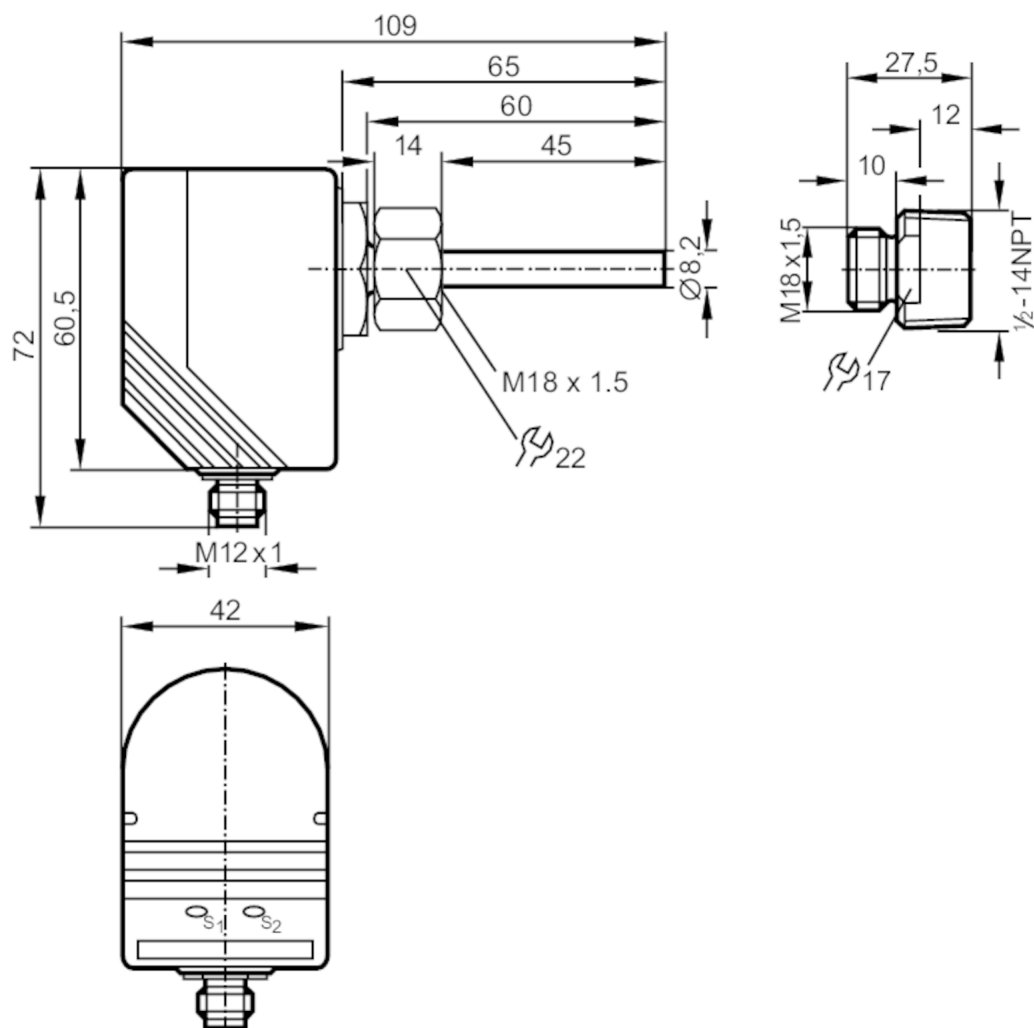




Flow monitor

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 ; referring 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 / closed; (configurable)
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		yes (non-latching)
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
Reaction 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		+/- push buttons
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

SI8518



Flow monitor

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Thread designation	M18 x 1.5
Material	PBT-GF20
Materials (wetted parts)	stainless steel (1.4404 / 316L); O-ring: FKM 80 Shore A
Process connection	M18 x 1,5 Internal thread

Displays / operating elements

Display	Function	10 x LED, three-color
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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

