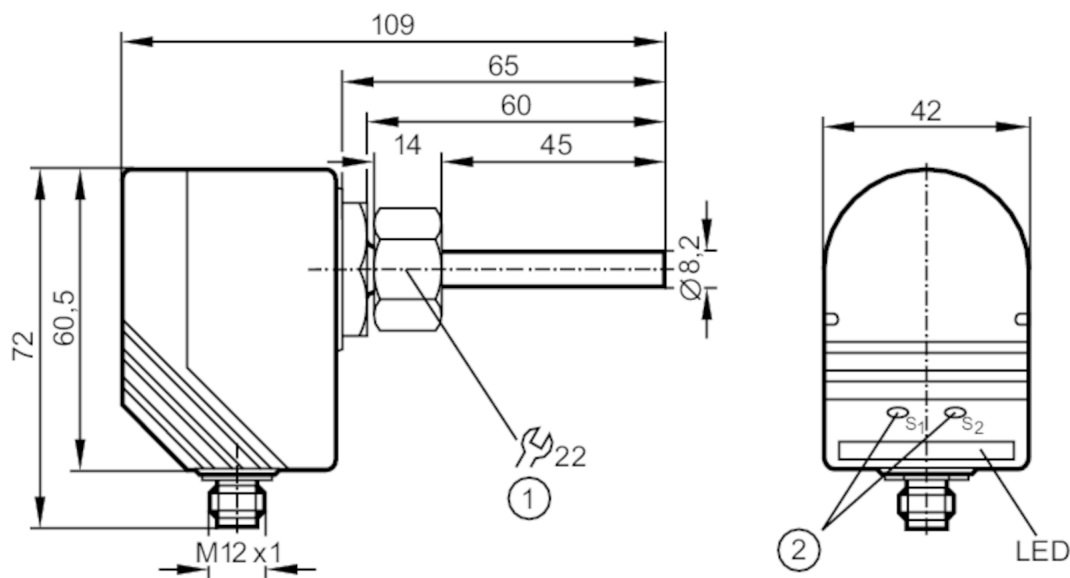


Flow monitor

SID10ADTFNKG/US-100-INF

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; aggressive media
Medium temperature [°C]	-25...80
Pressure rating [bar]	300

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; (to SELV/PELV)
Current consumption [mA]	< 80
Reverse polarity protection	yes
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



Flow monitor

SID10ADTFNKG/US-100-INF

Electrical design	NPN	
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		
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		
Max. temperature gradient of medium [K/min]	300	
Reaction times		
Response time [s]	1...2	
Liquids		
Response time [s]	1...2	
Gases		
Response time [s]	1...2	
Software / programming		
Adjustment of the switch point	pushbuttons	
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)	titanium (3.7035); 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-color

SI1101



Flow monitor

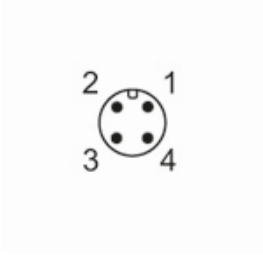
SID10ADTFNKG/US-100-INF

Remarks

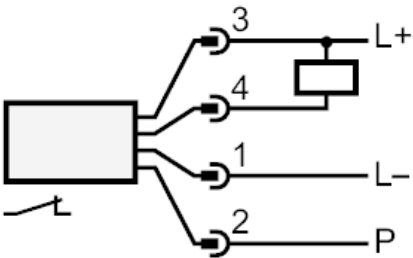
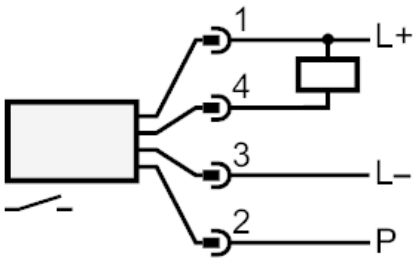
Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection



P = programming wire