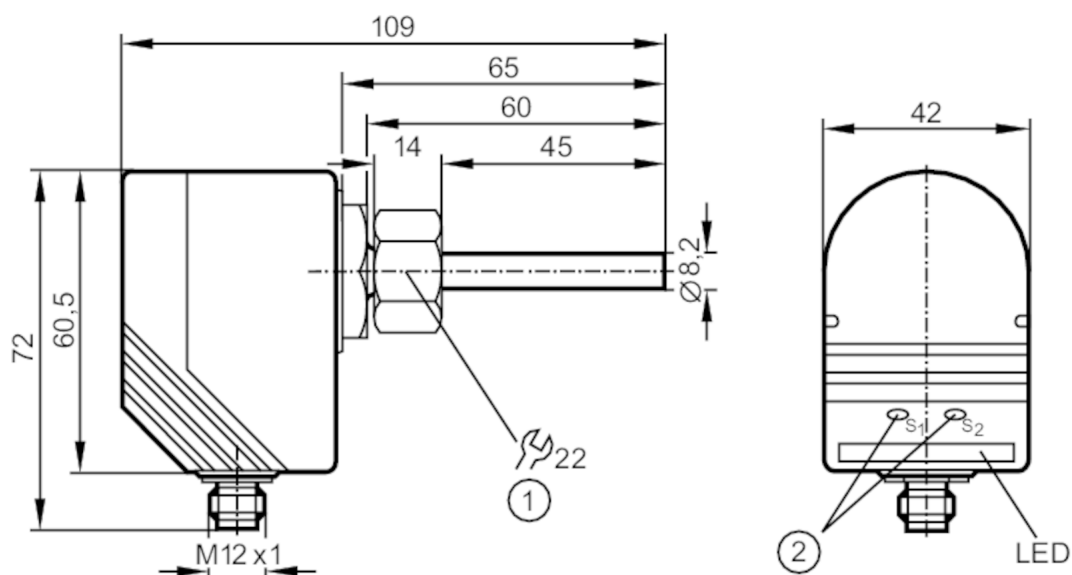


SI0504



Flow monitor

SID10ADBFPKG/US-100-IPF



- 1 internal thread M18 x 1.5
2 setting pushbuttons



Application		
Media		Liquids; Gases
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	300
Liquids		
Medium temperature	[°C]	-25...80
Gases		
Medium temperature	[°C]	-25...80
Electrical data		
Operating voltage	[V]	20...36 DC; (according to EN 50178 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



Flow monitor

SID10ADBFPKG/US-100-IPF

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
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)
MTTF [years]		258

SI0504



Flow monitor

SID10ADBFPKG/US-100-IPF

Mechanical data		
Weight	[g]	289.4
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: FKM 80 Shore A
Process connection		M18 x 1,5 internal thread

Displays / operating elements		
Display	function	10 x LED, three-colour

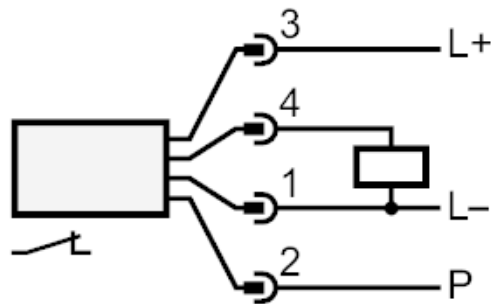
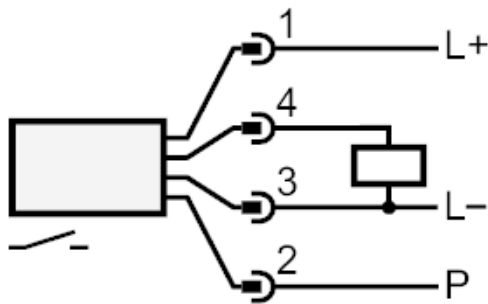
Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12



Connection



P = programming wire for remote calibration