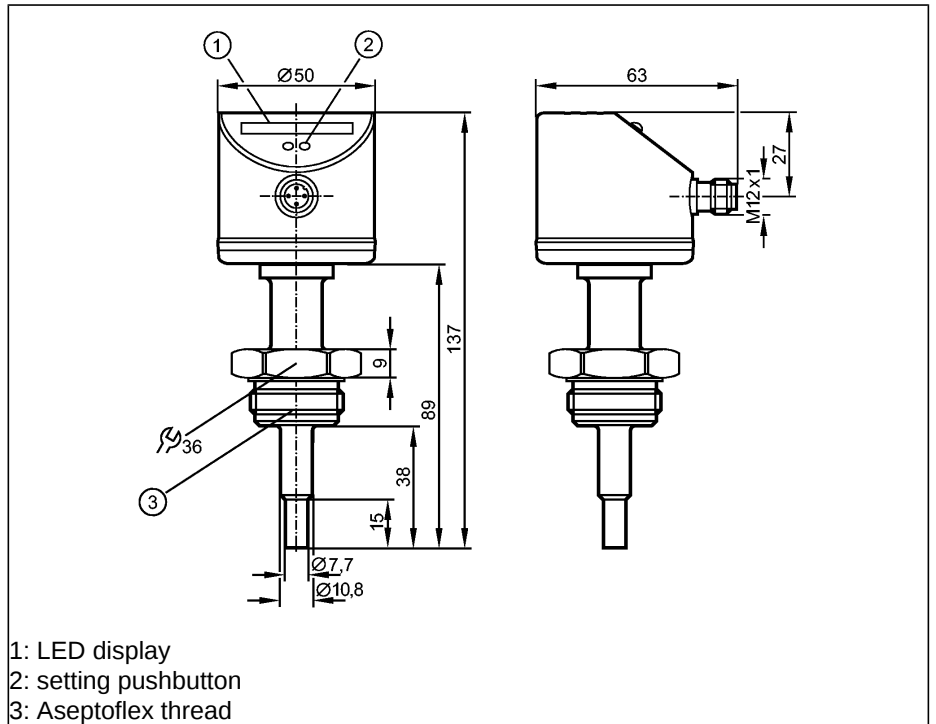


Flow sensors

SI6200

SIS30ABBFPKG/US
Flow monitor
Plug and socket
Process connection: for Aseptoflex
adapter

probe length:
38 mm



- 1: LED display
- 2: setting pushbutton
- 3: Aseptoflex thread

Made in Germany



EHEDG Certified

Application
Electrical design
Output

Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Current consumption	[mA]

Max. temperature gradient of medium	[K/min]
Pressure rating	[bar]

Liquids

Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]

Gases

Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]

hygienic systems
DC PNP
normally open / closed programmable

Operating voltage	19...36 DC
Current rating	250
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop	< 2.5
Current consumption	< 60

Max. temperature gradient of medium	300
Pressure rating	30

Liquids

Medium temperature	-25...95 (120 max. 1 h)
Setting range	3...300
Greatest sensitivity	3...100

Gases

Medium temperature	-25...95 (120 max. 1 h)
Setting range	200...3000
Greatest sensitivity	200...800

SI6200

Adjustment of the switch point		pushbuttons
Switch point accuracy [cm/s]		$\pm 2... \pm 10$ *)
Hysteresis [cm/s]		2...5 *)
Repeatability [cm/s]		1...5 *)
Power-on delay time [s]		10
Response time [s]		1...10
Temperature drift [cm/s x 1/K]		0.1 **)
Ambient temperature [°C]		-25...60
Protection		IP 67 / IP 69K, III
Shock resistance		DIN IEC 68-2-27:50 g (11 ms)
Vibration resistance		DIN EN 60068-2-6:10 g (55...2000 Hz)
EMC		EN 61000-4-2 ESD: 4 kV CD / 8 kV AD EN 61000-4-3 HF radiated: 10 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF conducted: 10 V
Housing materials		stainless steel (304S15); PC (Makrolon); PBT-GF 20; EPDM/X (Santoprene); O-ring: FKM
Materials (wetted parts)		stainless steel 316L / 1.4404; surface characteristics: Ra < 0.4 / Rz 4
Function display	LED	10 LEDs, three-colour
Connection		M12 connector; gold-plated contacts
Weight [kg]		0.37
Remarks		*) for water; 5...100 cm/s; 25°C (factory setting) **) for water; 5...100 cm/s; 10...70°C

Wiring

