

efector300

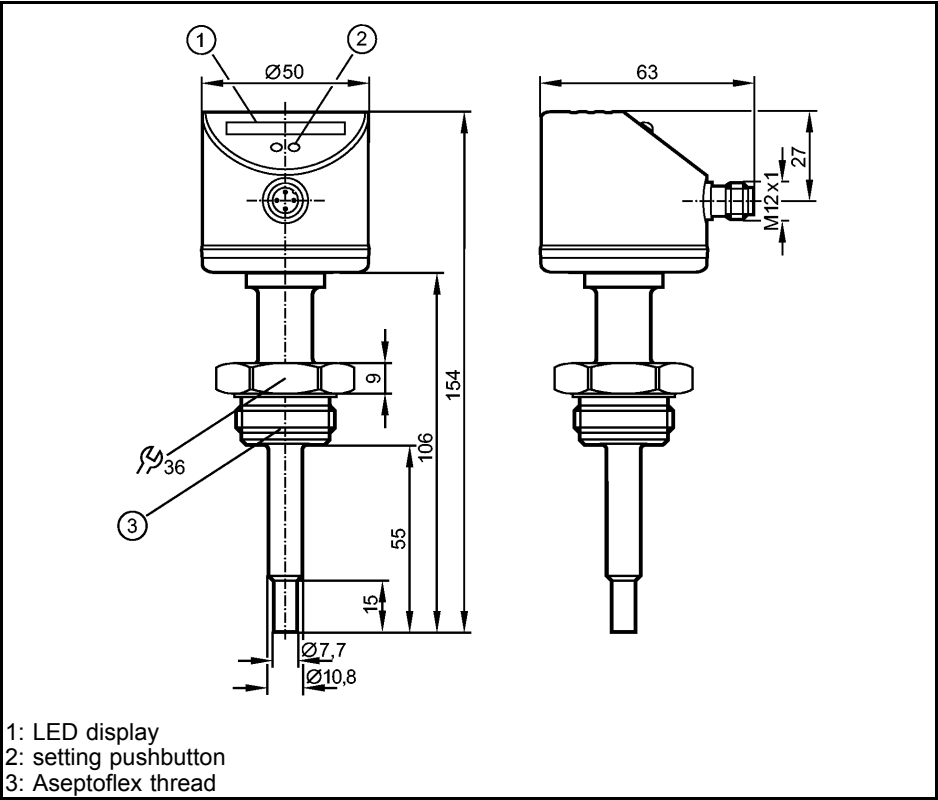


Flow sensors

SI6000

SIS30ABBFPKG/US
Flow monitor
Quick disconnect
Process connection: for Aseptoflex
adapter

probe length:
55 mm



Made in Germany



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
19...36 DC
250
Yes (non-latching)
yes
yes
< 2.5
< 60
300
30
-25...95 ***)
3...300
3...100
-25...95 ***)
200...3000
200...800



SI6000

Adjustment of the switch point	pushbuttons
Switch point accuracy [cm/s]	± 2...± 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 316L / 1.4404; 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]	0.38
Remarks	*) for water; 5...100 cm/s; 25°C (factory setting) **) for water; 5...100 cm/s; 10...70°C ***) ...140°C for SIP process

Wiring

