

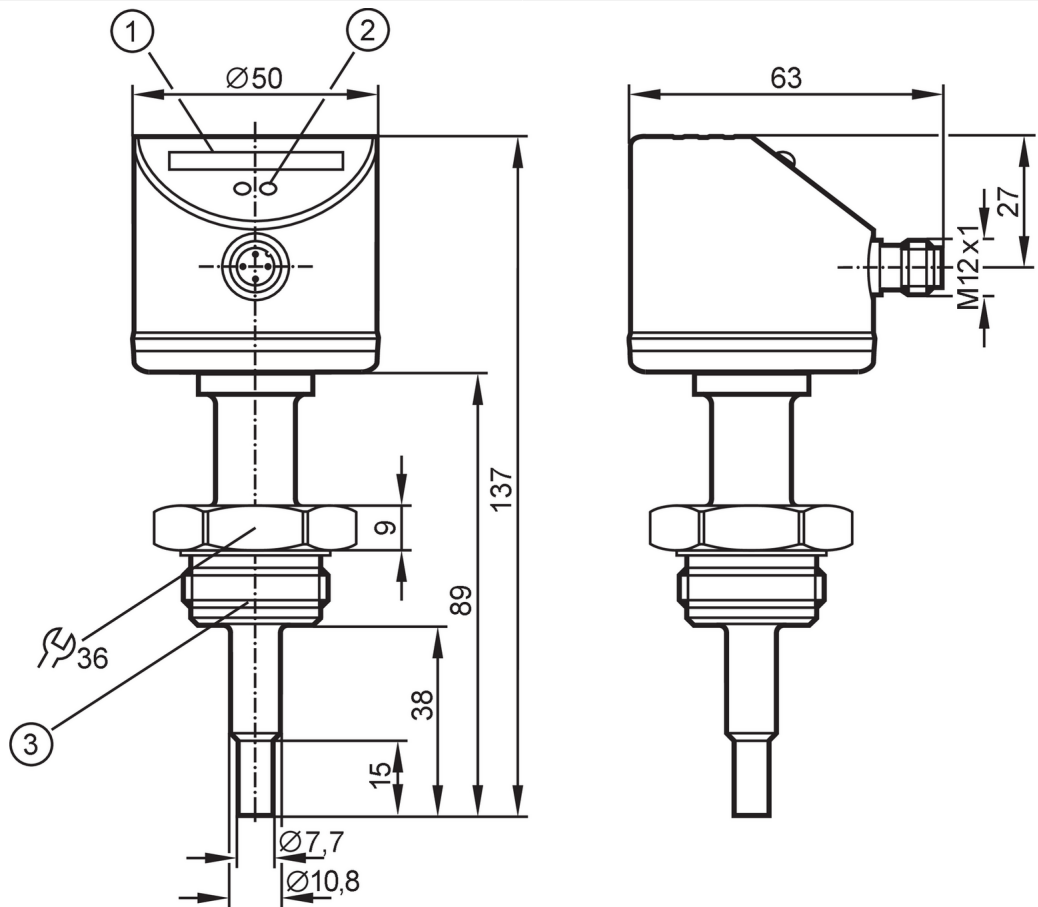
SI6200



Flow monitor

SIS30ABBFPKG/US-100-IPF

Please do not use for new projects.
no more adapters available as accessories



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



EC 1935/2004

FCM CN

FCM JP



Hygienic
Cleanable

UK
CA

Product characteristics

Number of inputs and outputs

Number of digital outputs: 1

Process connection

threaded connection Aseptoflex external thread Aseptoflex

Application

Special feature

Gold-plated contacts

Application

hygienic systems

Medium temperature

[°C]

-25...95; (for SIP process: ...140 °C)

Pressure rating

30 bar

3 MPa

Electrical data

Operating voltage

[V]

19...36 DC

Current consumption

[mA]

< 60

Protection class

III

Reverse polarity protection

yes

Power-on delay time

[s]

10



Flow monitor

SIS30ABBFPKG/US-100-IPF

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 / normally closed; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Measuring/setting range		
Probe length L		[mm] 38
Liquids		
Setting range		[cm/s] 3...300
Greatest sensitivity		[cm/s] 3...100
Gases		
Setting range		[cm/s] 200...3000
Greatest sensitivity		[cm/s] 200...800
Accuracy / deviations		
Repeatability		[cm/s] 1...5
Note on repeatability		for water 5...100 cm/s; 25 °C Factory setting
Temperature drift		[cm/s x 1/K] 0.1; (for water 5...100 cm/s; 10...70 °C)
Temperature gradient		[K/min] 300
Switch point accuracy		[cm/s] ± 2...± 10; (for water 5...100 cm/s; 25 °C; Factory setting)
Hysteresis		[cm/s] 2...5; (for water 5...100 cm/s; 25 °C; Factory setting)
Response times		
Response time		[s] 1...10
Software / programming		
Adjustment of the switch point		pushbutton
Operating conditions		
Ambient temperature		[°C] -25...60
Protection		IP 67; IP 69K
Tests / approvals		
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 HE conducted	10 V



Flow monitor

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Shock resistance	DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	10 g (55...2000 Hz)
MTTF [years]		298

Mechanical data

Weight [g]	403.5
Housing	cylindrical
Dimensions [mm]	Ø 50 / L = 137
Materials	stainless steel (316L/1.4404); PC; PBT-GF20; EPDM/X; O-ring: FKM
Materials (wetted parts)	stainless steel (316L/1.4435) surface characteristics: Ra < 0,4 µm / Rz = 4 µm
Process connection	threaded connection Aseptoflex external thread Aseptoflex
Probe diameter [mm]	7.7
Installation length EL [mm]	38

Displays / operating elements

Display	function	10 x LED, three-colour
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Remarks

Notes	Please do not use for new projects.; no more adapters available as accessories	
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4, gold-plated



Connection

