

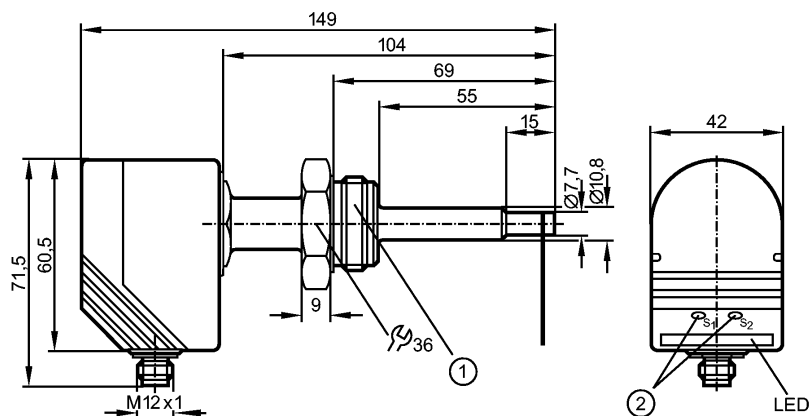
no longer available - archive entryreplaced by: SI6000

efector300
SI2000



SIS30ABBFPKG/US-100-IPF

Flow sensors



- 1: Aseptoflex thread
2: setting pushbuttons



EHEDG Certified
LISTED

Product characteristics

Flow monitor

Process connection: for Aseptoflex adapter

Probe length: 55 mm

Setting range: 3...300 cm/s (liquids)

Application

Application

Pressure rating

[bar]

Medium temperature

[°C]

Electrical data

Electrical design

Operating voltage

[V]

Current consumption

[mA]

Reverse polarity protection

Outputs

Output function

Current rating

[mA]

Voltage drop

[V]

Short-circuit protection

Overload protection

Measuring / setting range

Liquids

Setting range

[cm/s]

Greatest sensitivity

[cm/s]

Gases

Setting range

[cm/s]

Greatest sensitivity

[cm/s]

Accuracy / deviations

Max. temperature gradient of medium

[K/min]

Reaction times

Power-on delay time

[s]

Response time

[s]

Software / programming

Adjustment of the switch point

Environment

hygienic systems

30; only for the flow monitor, not for the adapter

-25...95 (120 max. 1 h)

DC PNP

20...36 DC ¹⁾

< 80

yes

normally open / closed programmable

400

< 2.5

yes (non-latching)

yes

yes

3...300

3...60

200...3000

200...800

300

15 **)

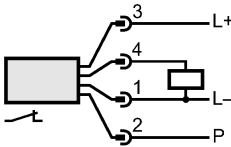
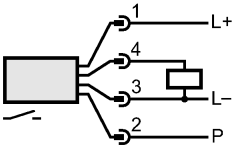
1...10

pushbuttons

SI2000 - Flow monitor - eclass: 27273101 / 27-27-31-01

Ambient temperature	[°C]	-20...60
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		
Process connection		for Aseptoflex adapter
Materials (wetted parts)		stainless steel 316L / 1.4404; surface characteristics: Ra < 0.4 / Rz 4
Housing materials		stainless steel 316L / 1.4404; PBT-GF 20; FPM
Probe length L	[mm]	55
Weight	[kg]	0.403
Displays / operating elements		
Function display	LED	10 LEDs, three-colour
Electrical connection		
Connection		M12 connector; gold-plated contacts

Wiring



P = programming wire (for remote adjustment)

Remarks	
Remarks	¹⁾ to EN50178, SELV, PELV ^{**)} optically indicated The 3-A qualification is only valid if adapters with 3-A qualification are used for installation.
Pack quantity	[piece] 1