

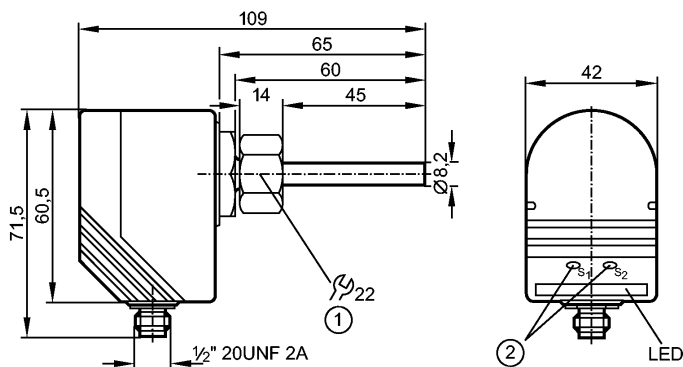
replaced by: SI5006

efector300
SI1006



SID10ADBFKOW/LS-100-IRF

Flow sensors



1: internal thread M18 x 1.5

2: setting pushbuttons



Product characteristics

Flow monitor

Compact type for adapter

Process connection: internal thread M18 x 1.5 for adapter

Probe length: 45 mm

1 relay output

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

Application

Application

Pressure rating [bar]

Medium temperature [°C]

Electrical data

Electrical design

Operating voltage [V]

Nominal voltage [V]

Voltage tolerance [%]

Power consumption [VA]

Protection class

Reverse polarity protection

Outputs

Output function

Contact rating

Short-circuit proof

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]

liquids and gases

300

-25...80

AC / relay

85...265 AC

90...240 AC (45...65 Hz)

-5 / +10

< 3.5

II

no

normally open / closed programmable

3 A (250 V AC / 30 V DC) ¹⁾

no

no

3...300

3...60

200...3000

200...800

300

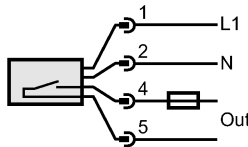
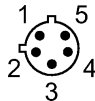
15 **)

SI1006 - Flow monitor - eclass: 27273101 / 27-27-31-01

Response time	[s]	1...10
Software / programming		
Adjustment of the switch point		pushbuttons
Environment		
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]	224
Mechanical data		
Process connection		internal thread M18 x 1.5 for adapter
Materials (wetted parts)		stainless steel 316L / 1.4404; O-ring: FKM 8 x 1.5 gr 80° Shore A
Housing materials		PBT-GF 20
Probe length L	[mm]	45
Weight	[kg]	0.28
Displays / operating elements		
Function display	LED	10 LEDs, three-colour
Electrical connection		
Connection		1/2" UNF-Connector

Wiring

N.B: no protective insulation
between relay circuit
and supply voltage



Note: miniature fuse to IEC60127-2 sheet 1,
≤ 5 A (fast acting)

Remarks	
Remarks	n.c. = not connected 1) number of switching cycles: 20 million mechanically switching cycles with 3 A load: 100.000 electrically relay type: contact closed at work **) optically indicated Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	[piece] 1