

effector 300

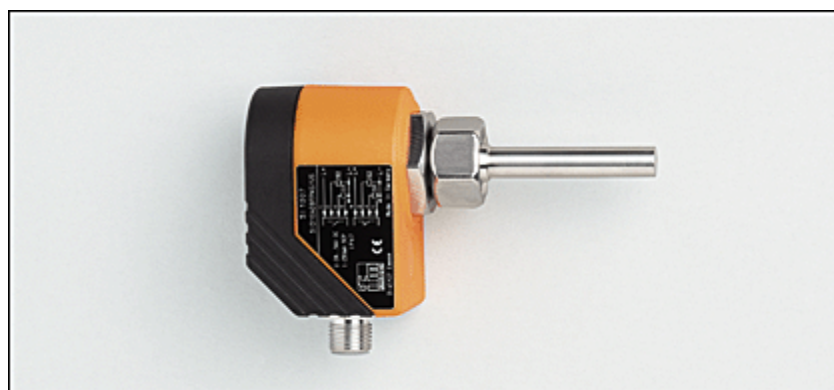


Flow monitors

SI1006

SID10ADBFW/LS
Compact type for adapter
Quick disconnect

1 relay output



Application

Electrical design

Output

Nominal voltage [V]

Operating voltage [V]

Voltage tolerance [%]

Contact rating

Power consumption [VA]

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]

Adjustment of the switch point

Power-on delay time [s]

Response time [s]

Operating temperature [°C]

Protection

Shock resistance [g]

Vibration resistance [g]

Housing material

Sensor material

Function display

Function LED

Connection

liquids and gases

AC / relay

normally open / closed programmable

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

85...265 AC

-5 / +10

3 A (250 V AC / 30 V DC *)

< 3.5

300

300

-25...80

3...300

3...60

-25...80

200...3000

200...800

pushbuttons

15 **)

1...10

-25...80

IP 67 ☐

50 (DIN / IEC 68-2-27, 11 ms)

20 (DIN / IEC 68-2-6, 55-2000 Hz)

PBT-GF 20

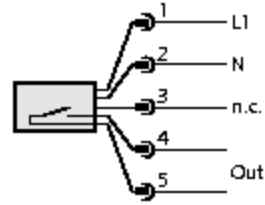
stainless steel (316S12); O-ring: FPM 8 x 1.5 gr 80° Shore A

10 LEDs, three-colour

1/2" UNF-Connector

Wiring

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



Remarks

n.c. = not connected

*) number of switching cycles: 20 million mechanically
switching cycles with 3 A load: 100.000 electrically

relay type: contact closed at work

**) optically indicated

efector, inc., 805 Springdale Dr., Exton, PA 19341

— We reserve the right to make technical alterations without prior notice. — US - SI1006 — 14.12.2004