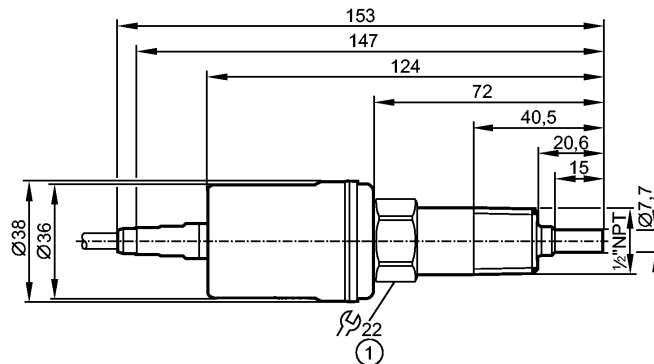




SCN12FFBAKOW/6M

Flow sensors



1: Tightening torque max. 100 Nm (with stainless steel adapter) or according to ANSI B1.20.1



Product characteristics

Flow monitor

Compact type

Process connection: 1/2" NPT

Factory setting of the switch point

15 cm/s

(to water (20 °C) and mounting in 4" pipe)

Application

Application

water

Pressure rating [bar]

25

Medium temperature [°C]

-10...60 ***)

Electrical data

Electrical design

AC / relay

Operating voltage [V]

115 AC (45...65 Hz)

Voltage tolerance [%]

+10 / -10

Power consumption [VA]

1.5

Protection class

II

Reverse polarity protection

no

Outputs

Output function

normally open

Contact rating

3 A (115 V AC +/-10%) ¹⁾

Short-circuit proof

no

Overload protection

no

Reaction times

Power-on delay time [s]

15

Response time [s]

1...10

Environment

Ambient temperature [°C]

-20...60

Protection

IP 67

Tests / approvals

Shock resistance

DIN IEC 68-2-27: 50 g (11 ms)

Vibration resistance

DIN IEC 68-2-6: 20 g (10...2000 Hz)

Mechanical data

Process connection

1/2" NPT

Materials (wetted parts)

stainless steel 316L / 1.4404

Housing materials

stainless steel 316L / 1.4404

Electrical connection

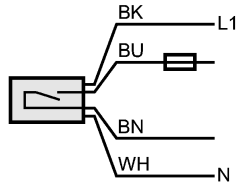
Connection

PUR cable / 6 m; 4 x 0.5 mm²

Wiring

Core colors

BN brown
 BU blue
 BK black
 WH white



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

Remarks

Remarks

1) number of switching cycles: 20 million mechanically
 switching cycles with 3 A load: 100.000 electrically
 relay type: contact closed at work
 No safe separation between output circuit and supply circuit.
 *** in case of medium temperatures < 4°C the data refer to water/glycol
 (40% glycol)
 Storage temperature: -40...70 °C
 Recommendation: check the unit for reliable function after a short
 circuit.

Pack quantity

[piece]

1