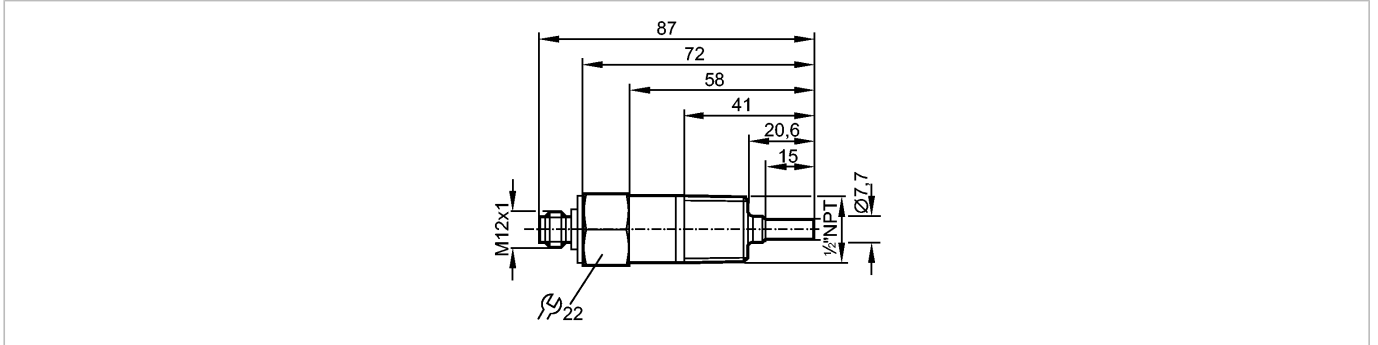


SCN12XFBCNOG

Flow sensors



Product characteristics

Flow monitor

Compact type

Process connection: 1/2" NPT

Factory setting of the switch point

47 cm/s

2.1 gpm in 3/4" line

1.3 gpm in 1/2" line

Application

Application

water / glycol

Pressure rating [bar]

25

Medium temperature [°C]

-25...85 (95 for < 30 min.)

Electrical data

Electrical design

DC NPN

Operating voltage [V]

9...16 DC

Withstand voltage [V DC]

500

Current consumption [mA]

100 (24 V)

Protection class

III

Reverse polarity protection

no

Outputs

Output function

normally open / closed complementary, n-switching

Current rating [mA]

80

Voltage drop [V]

< 0.6

Short-circuit protection

no

Overload protection

no

Reaction times

Power-on delay time [s]

15

Response time [s]

1...10

Software / programming

Adjustment of the switch point

factory setting of the switch point *) , ± 10 %

Environment

Ambient temperature [°C]

-30...55

Storage temperature [°C]

-40...70

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

SC0504 - Flow monitor - eclass: 27273101 / 27-27-31-01

Weight [kg] 0.12

Electrical connection

Connection M12 connector

Wiring

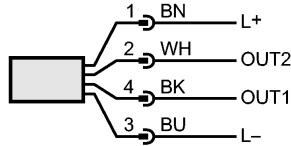
Core colors

BK black

BN brown

BU blue

WH white



OUT1: Switching output
 OUT2: Switching output
 Colours to DIN EN 60947-5-2

Remarks

Remarks *) to water, 20 °C
 RoHS compliant

Pack quantity [piece] 1