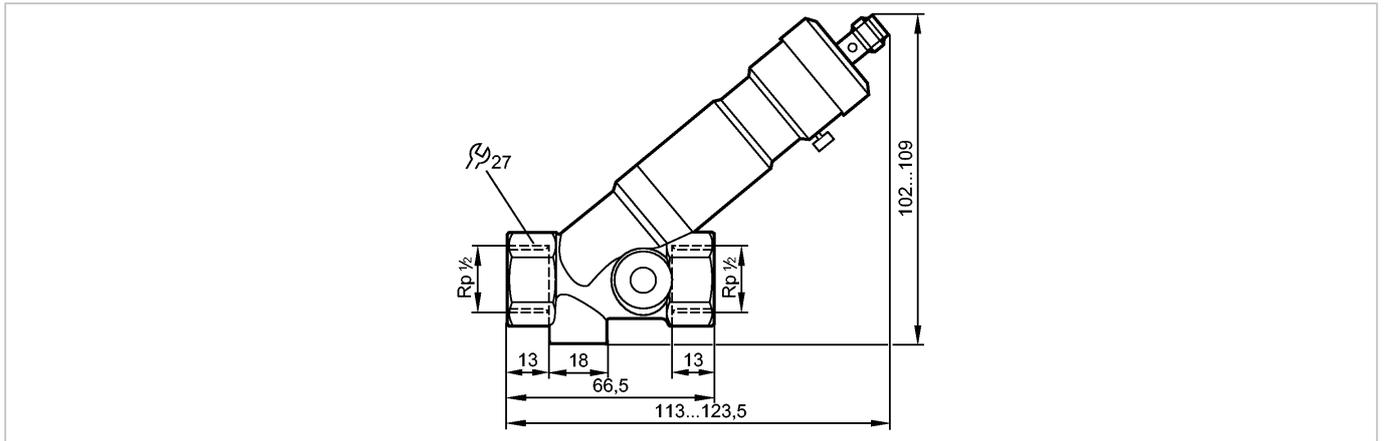


SBY323

SBY12BF0BPKG/US

Flow sensors



Made in Germany

Product characteristics

Flow monitor

with non-return valve

Process connection: Rp 1/2

Switch point adjustable

Measuring range: < 20 l/min

Application

Application

liquids (water, glycol solutions, oils)

Medium temperature

[°C]

0...85

Electrical data

Electrical design

DC PNP

Operating voltage

[V]

24 DC (-15% / +10%)

Current consumption

[mA]

< 15

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

normally open

Current rating

[mA]

100

Voltage drop

[V]

< 2.5

Short-circuit protection

yes

Overload protection

yes

Measuring / setting range

Measuring range

[l/min]

< 20

Flow range

[l/min]

< 100

Set point, SP

[l/min]

2...20 *)

Accuracy / deviations

Hysteresis

[l/min]

0.3...4

Repeatability

[l/min]

0.15

Accuracy

[% of the final value]

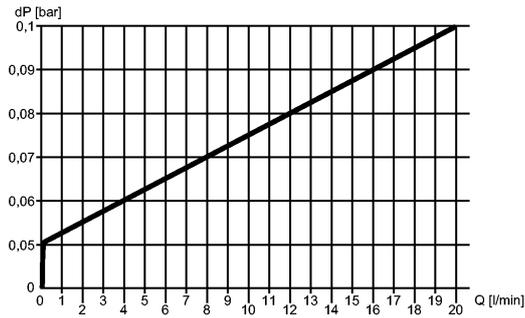
± 5

SBY323

SBY12BF0BPKG/US

Flow sensors

Pressure loss (dP) / flow rate (Q)



Reaction times

Response time [s] < 0.01

Environment

Pressure rating [bar] 25

Ambient temperature [°C] 0...60

Protection IP 67

Tests / approvals

MTTF [Years] 15.78

Mechanical data

Process connection Rp ½

Materials (wetted parts) stainless steel (304S15); Brass chemically nickel-plated; PP; O-ring: FPM (Viton)

Housing materials Brass chemically nickel-plated; aluminium anodised; PP

Switching cycles min. 10 million

Weight [kg] 0.449

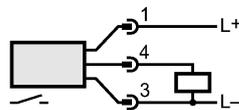
Displays / operating elements

Output status indication LED yellow (4 x 90°)

Electrical connection

Connection M12 connector

Wiring



Remarks

Remarks *) One complete turn corresponds to approx. 2.5 l/min
Attention: Do not turn the setting screw beyond the maximum value of the setting range.

Pack quantity [piece] 1