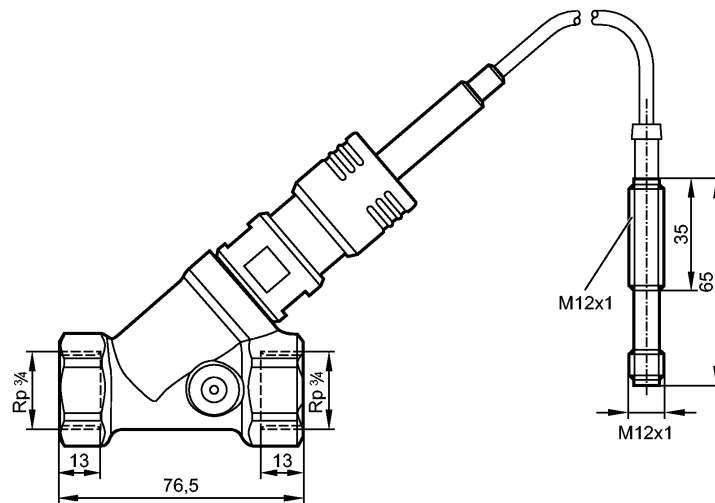


SBT633

SBT34XKX10KG/O/US

Flow sensors



Made in Germany

Product characteristics

Flow transmitter

mit Rückflussverhinderer

Process connection: Rp 3/4

Analog output

Measuring range

max. 25 l/min

Measuring range: 0.3...25 *) l/min

Application

Application liquids (water, glycol solutions)

Medium temperature [°C] 20...180

Electrical data

Electrical design DC

Operating voltage [V] 24 DC (-15% / +10%)

Current consumption [mA] < 30

Protection class III

Reverse polarity protection yes

Outputs

Output function analog

Short-circuit protection yes

Overload protection yes

Analog output 4...20 mA

Measuring / setting range

Measuring range [l/min] 0.3...25 *)

Accuracy / deviations

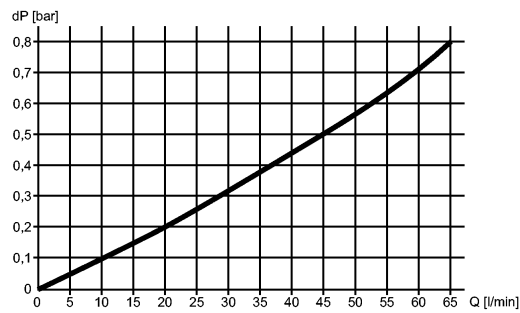
Accuracy [% of the final value] ± 5 *)

SBT633

SBT34XKX10KG/O/US

Flow sensors

Pressure loss (dP) / flow rate (Q)


Reaction times

Response time [s] < 0.01

Environment

Pressure rating [bar] 15

Ambient temperature [°C] 0...60

Protection IP 67

Mechanical data

Process connection Rp 3/4

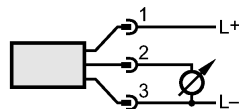
Materials (wetted parts) stainless steel (304S15); brass nickel-plated; PPS; O-ring: FPM

Housing materials PPS; copper

Weight [kg] 13.5

Electrical connection

Connection silicone cable; with M12 connector

Wiring

Remarks

 Remarks *) for water
Use of 50 micron filtration is recommended.

Pack quantity [piece] 1