

Filling valve, Series AS2-SSV

- adjustable filling time
- Compressed air connection G 1/4
- suitable for ATEX



Version	Poppet valve, Can be assembled into blocks
Sealing principle	Soft sealing
Working pressure min./max.	2,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	40 µm
Weight	0,203 kg

Technical data

Part No.	Port	Flow	
		Qn	
R412006272	G 1/4	2000 l/min	1)
R412006275	G 1/4	2000 l/min	2)
R412006273	G 3/8	2000 l/min	1)

Technical information

2) With adjustment screw lock. Suitable for use in Ex zones 1, 2, 21, 22

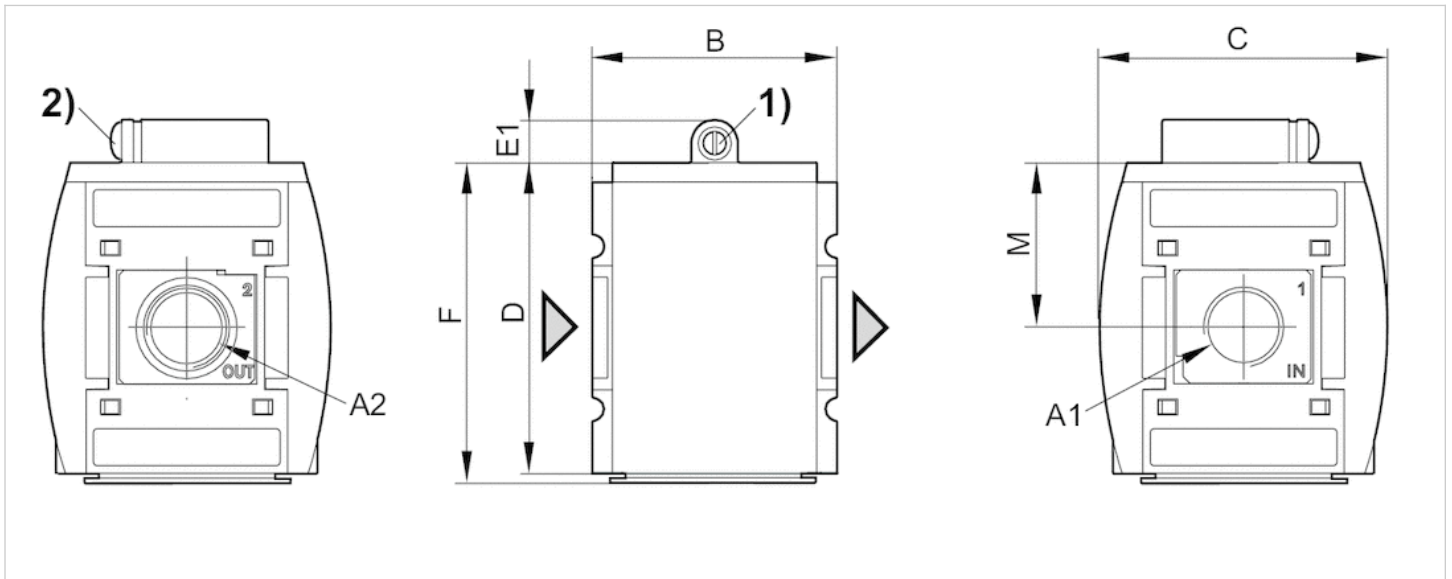
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

Dimensions

Dimensions



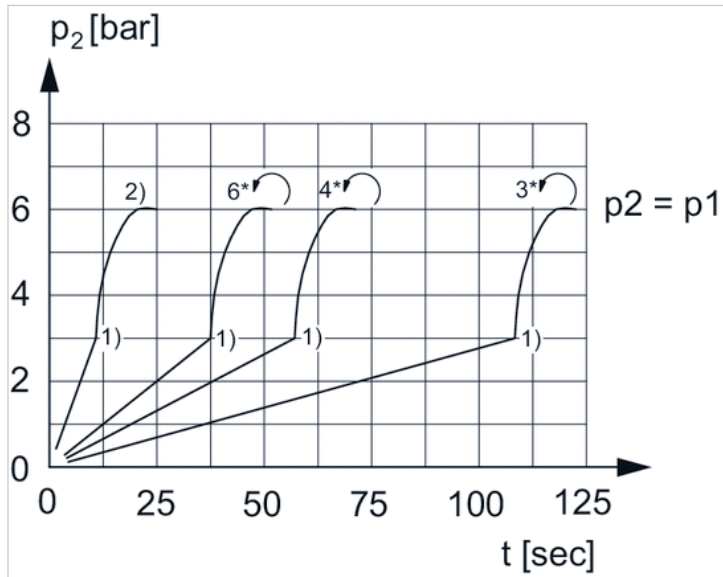
- A1 = input
- A2 = output
- 1) Adjustment screw for filling time
- 2) Adjustment screw lock

Dimensions in mm

A1	A2	B	C	D	E1	F	M
G 1/4	G 1/4	52	59	65	11	67	34
G 1/4	G 1/4	52	59	65	11	67	34
G 3/8	G 3/8	52	59	65	11	67	34

Diagrams

Secondary pressure while filling



p1 = working pressure

p2 = secondary pressure

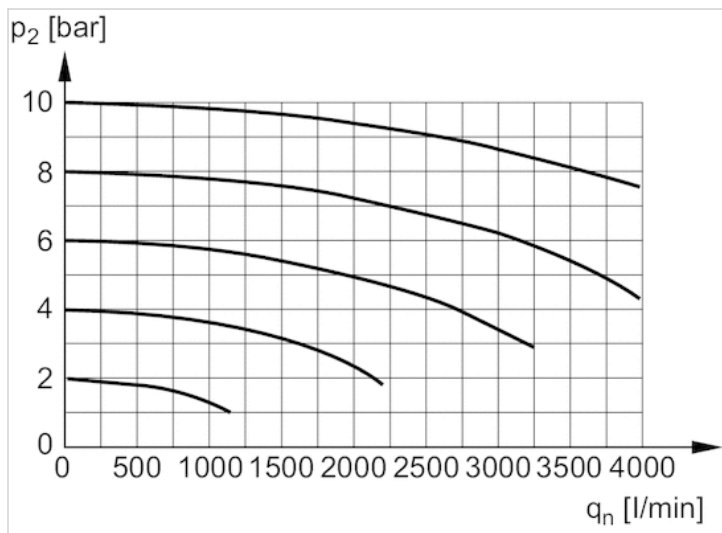
t = filling time, adjustable via adjustment screw (throttle)

1) Switching point: adjustable filling time, fixed change-over pressure $\approx 0.5 \times p1$ (50%)

2) Throttle fully opened

* Adjustment screw rotations

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow