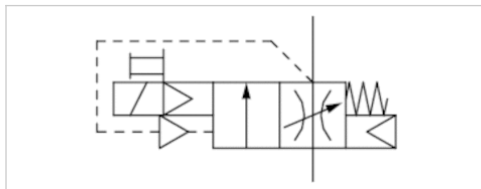


Filling valve, electrically operated, series AS2-SSV

- adjustable filling time and change-over pressure
- Compressed air connection G 1/4



Version	Poppet valve with elect. priority circuit, Can be assembled into blocks
Sealing principle	Soft sealing
Working pressure min./max.	2,5 ... 10 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Duty cycle	100 %
Protection class according to EN 60529:2000, without electrical connector	IP65
Weight	0,203 kg



Technical data

Part No.	Port	Flow
		Qn
R412006379	G 1/4	2000 l/min

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar, Electr. connection: valve plug connector M12x1

Technical information

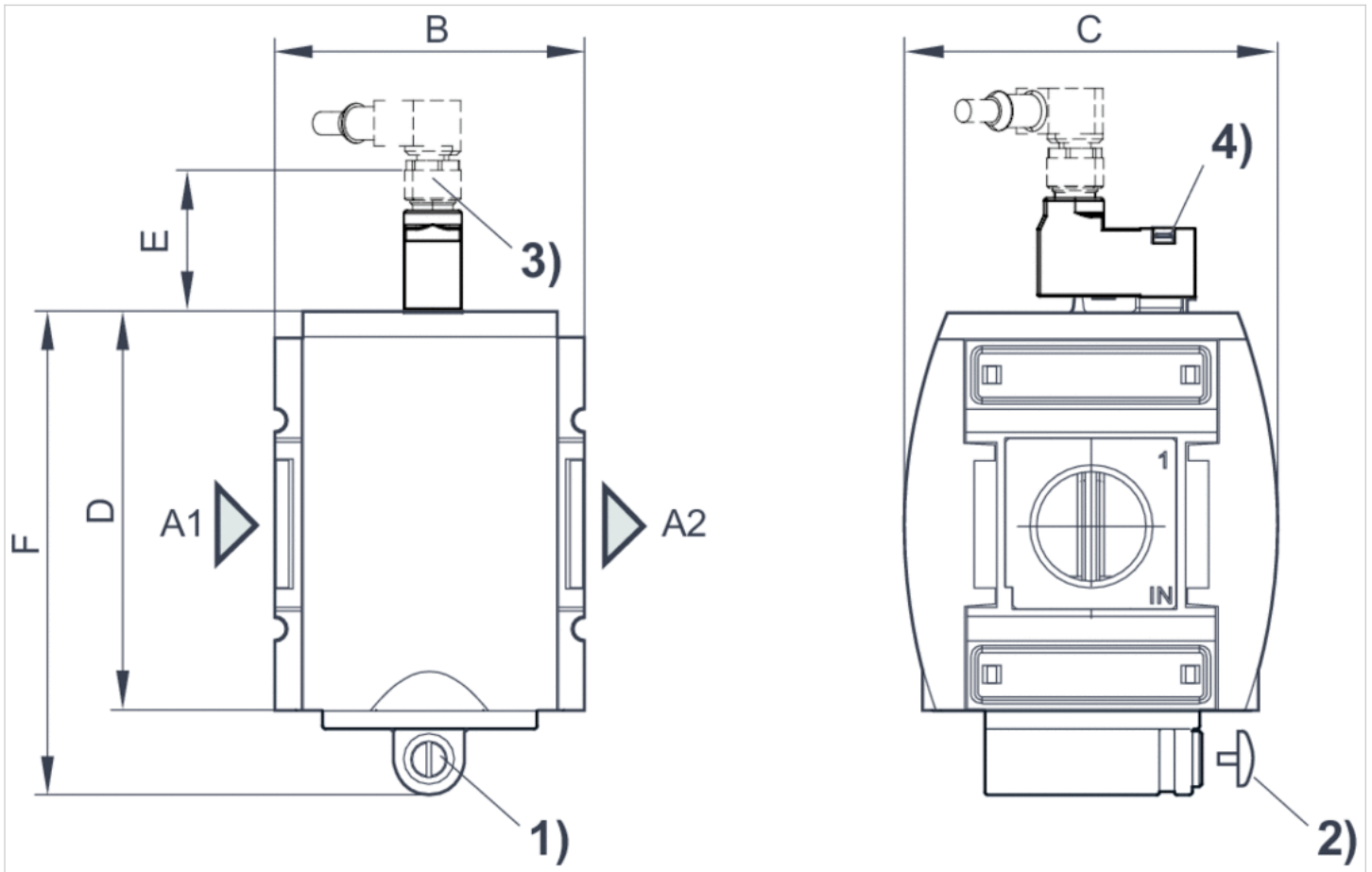
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

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

Dimensions

Dimensions



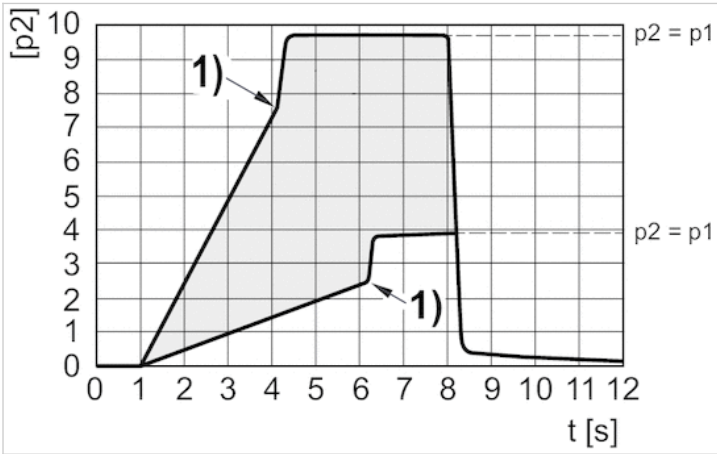
- A1 = input
A2 = output
1) Adjustment screw for filling time
2) Adjustment screw lock
3) plug M12
4) Manual override

Dimensions in mm

A1	A2	B	C	D	E	F
G 1/4	G 1/4	52	59	65	39	79

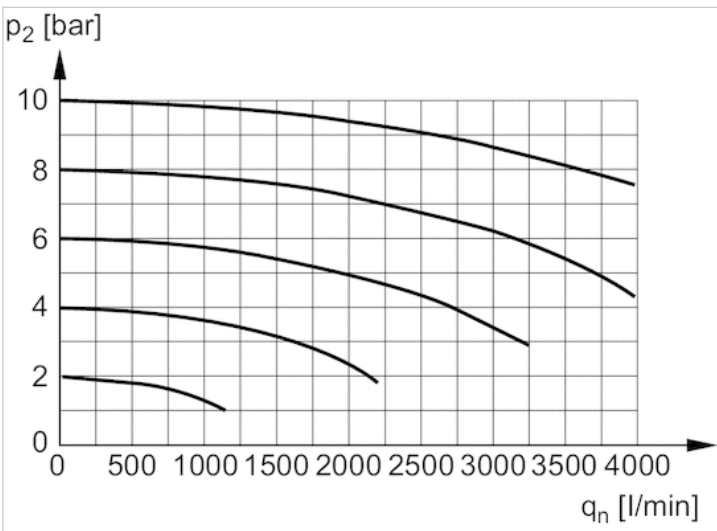
Diagrams

Secondary pressure while filling



- p1 = working pressure
- p2 = secondary pressure
- t = filling time, adjustable via adjustment screw (throttle)
- Change-over pressure individually adjustable via electrical signal
- 1) Switching point: adjustable filling time and change-over pressure

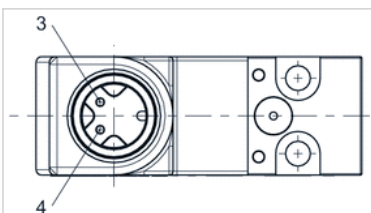
Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Pin assignments

Pin assignment M12x1



3: +/-

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4: +/-