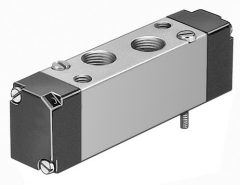
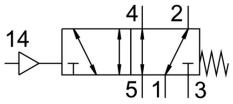
Pneumatic valve
VL-5/2-1/8-P-B

Part number: 173170

FESTO





Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Pneumatic
Width	17.8 mm
Standard nominal flow rate	600 l/min
Pneumatic working port	G1/8
Operating pressure	-0.9 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Certification	UL - Recognized (OL)
Nominal width	5 mm
Width dimension	18 mm
Type code	VL
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Pilot air supply port	External
Flow direction	Reversible
Symbol	00991029
Lap	Overlap
Pilot pressure	2.5 bar ... 8 bar
b-value	0.36
C value	2.55 l/sbar
Switching time off	24 ms
On switching time	6 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 40 °C
Temperature of medium	-5 °C ... 50 °C
Noise level	75 dB(A)
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-5 °C ... 50 °C
Product weight	60 g
Type of mounting	On terminal strip
Pilot air port 14	M5
Pneumatic connection 1	Sub-base
Pneumatic connection 2	G1/8
Pneumatic connection 3	Sub-base
Pneumatic connection 4	G1/8
Pneumatic connection 5	Sub-base
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum