

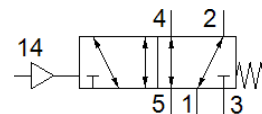
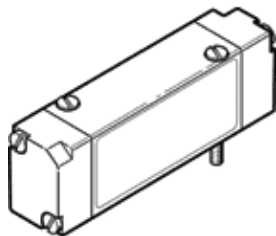
# pneumatic valve

## VL-5/2-5,0-B

Part number: 173169

FESTO

5/2-way function, pneumatically actuated, with spring return  
This type is suitable for vacuum.



## Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Width	17.8 mm
Standard nominal flow rate	700 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	UL - Recognized (OL)
Nominal size	5 mm
Grid dimension	18 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Pilot air supply	external
Flow direction	reversible
Overlap	Positive overlap
Pilot pressure	2.5 ... 8 bar
b value	0.38
C value	2.75 l/sbar
Switching time off	24 ms
Switching time on	6 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Sound pressure level	75 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	65 g
Mounting type	On sub-base
Pilot air port 12	Sub-base
Pilot air port 14	Sub-base
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base

<b>Feature</b>	<b>Value</b>
Pneumatic connection, port 4	Sub-base
Pneumatic connection, port 5	Sub-base
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Aluminium die cast