

Pneumatic valve

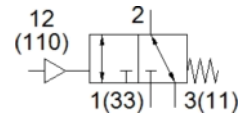
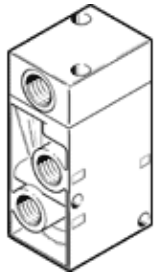
VL/O-3-1/4

Part number: 9984

FESTO

The valve can be used for vacuum when connected up to provide a normally-closed function (vacuum connected to port P1).

Depending on the choice of connection, normally-open or normally-closed function.



Data sheet

Feature	values
Valve function	3/2 open/closed, monostable
Type of actuation	pneumatic
Width	30.5 mm
Standard nominal flow rate	800 l/min
Working pressure	-0.95 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
Authorization	c UL us - Recognized (OL)
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	direct
Pilot air supply	external
Flow direction	reversible with restrictions
Freedom from overlap	No
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	1 ... 10 bar
Switching time off	26 ms
Switching time on	7 ms
Max. positive test pulse with logic 0	2,200 µs
Max. negative test pulse with logic 1	3,700 µs
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)
Corrosion resistance classification CRC	1
Storage temperature	-20 ... 60 °C
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	230 g
Mounting type	Optional on manifold rail with through hole
Pilot air connection: 110	G1/8
Pilot air port 12	G1/8
Pneumatic connection, port 1	G1/4
Pneumatic connection, 11	G1/4
Pneumatic connection, port 2	G1/4

Feature	values
Pneumatic connection, port 3	G1/4
Pneumatic connection, 33	G1/4
Materials note	Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Aluminum die cast