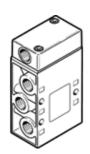
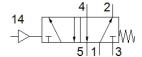
pneumatic valve VL-5-1/8 Part number: 9764

FESTO

5/2-way function, pneumatically actuated, with spring return





Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Width	26 mm
Standard nominal flow rate	500 l/min
Operating pressure MPa	0 1 MPa
Operating pressure	0 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Nominal size	5 mm
Grid dimension	27 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	direct
Pilot air supply	external
Flow direction	non reversible
Overlap	Underlap
Pilot pressure MPa	0.12 1 MPa
Pilot pressure	1.2 10 bar
Max. switching frequency	12 Hz
Switching time off	16 ms
Switching time on	5 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)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
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	220 g
Mounting type	On PR manifold
	with through hole
	Optional
Pilot air port 12	G1/8
Pilot air port 14	G1/8
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Material seals	NBR
	TPE-U(PU)
Material housing	Aluminium die cast