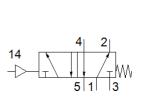
## pneumatic valve VL-5-1/4-NPT Part number: 10844

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

## **Data sheet**

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Width	30.5 mm
Standard nominal flow rate	800 l/min
Operating pressure MPa	0 0.8 MPa
Operating pressure	0 8 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
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	non reversible
Overlap	Underlap
Pilot pressure MPa	0.12 1 MPa
Pilot pressure	1.2 10 bar
Switching time off	11 ms
Switching time on	7 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-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 manifold rail
	with through hole
	Optional
Pilot air port 14	1/8 NPT
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	1/4 NPT
Pneumatic connection, port 5	1/4 NPT
Materials note	Conforms to RoHS
Material seals	NBR
	TPE-U(PU)
Material housing	Aluminium die cast



**FESTO**