

Pneumatic valve VL-5-1/4-NPT

Part number: 10844

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Valve function	5/2-way, monostable
Type of actuation	Pneumatic
Construction width	30.5 mm
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
pneumatic working port	1/4 NPT
Operating pressure	0 MPa ... 0.8 MPa
Operating pressure	0 bar ... 8 bar
Design	Poppet seat
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Type of piloting	Direct
Pilot air supply	External
Flow direction	Non-reversible
Symbol	00991001
lap	Underlap
Pilot pressure	0.12 MPa ... 1 MPa
Pilot pressure	1.2 bar ... 10 bar
Switching time off	11 ms
Switching time on	7 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C ... 60 °C
Media temperature	-10 °C ... 60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	220 g
Type of mounting	On manifold rail With through-hole

Feature	Value
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
Note on materials	RoHS-compliant
Material seals	NBR TPE-U(PU)
Material housing	Die-cast aluminium