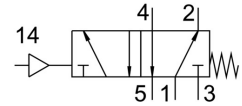


# Pneumatic valve VL-5-1/8-B-EX

Part number: 536040

**FESTO**



## Data sheet

Feature	Value
Valve function	5/2, monostable
Lap	Underlap
Actuation type	Pneumatic
Width	26 mm
Standard nominal flow rate	750 l/min
Pneumatic working port	G1/8
Operating pressure	0 bar ... 10 bar
Design	Plate seat
Reset method	Mechanical spring
Nominal width	5 mm
Width dimension	27 mm
Type code	VL
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Pilot air supply port	External
Flow direction	Non-reversible
Symbol	00991001
Pilot pressure	1.5 bar ... 10 bar
Max. switching frequency	3 Hz
Switching time off	10 ms
On switching time	2 ms
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb
ATEX category for dust	II 2D
Type of (ignition) protection for dust	Ex h IIIC T130°C Db
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)

Feature	Value
Corrosion resistance class (CRC)	1 - Low corrosion stress
Storage temperature	-40 °C ... 60 °C
Temperature of medium	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	170 g
Type of mounting	With through-hole
Pilot air port 14	G1/8
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Pneumatic connection 4	G1/8
Pneumatic connection 5	G1/8
Note on materials	RoHS-compliant
Seals material	NBR TPE-U(PU)
Housing material	Die-cast aluminum