

# Air solenoid valve VSVA-B-...-T1L

Part number: 8033250

FESTO



## Data sheet

Feature	Value
Valve function	2x2/2 closed, monostable 2x3/2, closed, monostable 2x3/2, open, monostable 2x3/2, open/closed, monostable 5/2, bistable 5/2, bistable, dominant 5/2, monostable 5/3 pressurized 1 to 2, 4 to 5 closed 5/3, pressurized 5/3, exhausted 5/3, closed
Actuation type	Electrical
Width	18 mm 26 mm 42 mm 52 mm
Standard nominal flow rate	2300 l/min
Pneumatic working port	Sub-base, size 1 as per ISO 5599-2 Sub-base, size 2 according to ISO 5599-2 Sub-base, size 18 mm as per ISO 15407-1 Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 Connecting plate size 02 according to VDMA 24563 G1/8 G1/4 G3/8 G1/2
Operating voltage	24V DC
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring Pneumatic spring
Certification	C-Tick CSA (OL) c UL us - Recognized (OL)
Degree of protection	IP65 NEMA 4
Sealing principle	Soft

Feature	Value
Mounting position	Any
Manual override	Detenting Detenting via accessory Non-detenting Covered
Type of control	Pilot-controlled
Pilot air supply port	External Internal
Flow direction	Any
Lap	Overlap
Signal status display	LED
Pilot pressure MPa	0.3 MPa...1 MPa
Pilot pressure	3 bar...10 bar
Max. current consumption	60 mA...72 mA
Surge resistance	2.5 kV
Contamination level	3
Permissible voltage fluctuations	+/- 10 %
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)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Relative air humidity	0 - 90 %
Ambient temperature	-5 °C...50 °C
Electrical connection	2-pin 4-pin Plug as per ISO 15407-2 as per ISO 5599-2
Type of mounting	On sub-base
Note on materials	RoHS-compliant
Seals material	FPM HNBR NBR
Housing material	Die-cast aluminum PA
Material of screws	Steel, galvanized