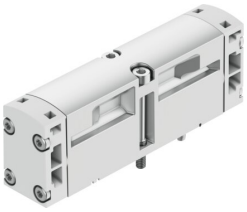
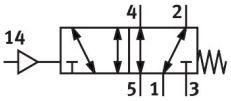
Pneumatic valve
VSPA-B-M52-M-A2

Part number: 546727





General operating condition

Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Pneumatic
Width	18 mm
Standard nominal flow rate	550 l/min
Pneumatic working port	Sub-base, size 18 mm as per ISO 15407-1 Connecting plate size 02 according to VDMA 24563 G1/8
Operating pressure	-0.9 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Nominal width	5 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 15407-1 VDMA 24563
Type of control	Direct
Flow direction	Reversible
Symbol	00991029
Lap	Overlap
Pilot pressure	3 bar ... 10 bar
Flow rate of pneumatic valve	750 l/min
Flow rate of pneumatic valve on individual sub-base	550 l/min
Optimized flow rate of pneumatic valve pneumatically concatenated flow	550 l/min
Switching time off	18 ms
On switching time	8 ms
Explosion prevention and protection	Zone 2 (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)
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C ... 60 °C
Relative air humidity	0 - 90 %
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Max. tightening torque for valve mounting	0.9 Nm ... 1.1 Nm

Feature	Value
Product weight	80 g
Pilot air port 12	Sub-base, size 18 mm as per ISO 15407-1
Pilot air port 14	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 1	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 2	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 3	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 4	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 5	Sub-base, size 18 mm as per ISO 15407-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum
Material of screws	Steel Galvanized