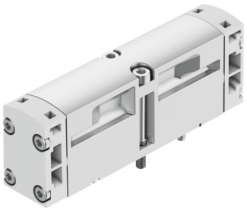
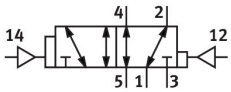
Pneumatic valve
VSPA-B-D52-A2

Part number: 546725





General operating condition

Data sheet

Feature	Value
Valve function	5/2-way, bistable, dominant
Type of actuation	Pneumatic
Construction width	18 mm
Standard nominal flow rate (standardised to DIN 1343)	550 l/min
pneumatic working port	Sub-base size 18 mm to ISO 15407-1 Sub-base size 02 to VDMA 24563 G1/8
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Nominal size	5 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 15407-1 VDMA 24563
Type of piloting	Direct
Flow direction	Reversible
Symbol	00991042
lap	Overlap
Pilot pressure	2 bar ... 10 bar
Flow rate of valve	750 l/min
Flow rate of valve on individual sub-base	550 l/min
Flow rate of pneumatically interlinked valve	550 l/min
Switching time reversal	6 ms
Explosion protection	Zone 2 (ATEX) Zone 22 (ATEX)
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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C ... 60 °C
Relative air humidity	0 - 90%
Pilot medium	Compressed air to 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
Product weight	80 g

Feature	Value
Pilot air port 12	Sub-base size 18 mm to ISO 15407-1
Pilot air port 14	Sub-base size 18 mm to ISO 15407-1
Pneumatic connection, port 1	Sub-base size 18 mm to ISO 15407-1
Pneumatic connection, port 2	Sub-base size 18 mm to ISO 15407-1
Pneumatic connection, port 3	Sub-base size 18 mm to ISO 15407-1
Pneumatic connection, port 4	Sub-base size 18 mm to ISO 15407-1
Pneumatic connection, port 5	Sub-base size 18 mm to ISO 15407-1
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium
Material screws	Steel Galvanised