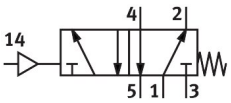
Pneumatic valve
VL-5-1/2

Part number: 9445





Data sheet

Feature	Value
Valve function	5/2-way, monostable
Actuation type	Pneumatic
Width	52 mm
Normal nominal flow rate (normalized to DIN 1343)	3700 l/min
Pneumatic working port	G1/2
Operating pressure	0 MPa...1 MPa 0 bar...10 bar
Structural design	Plate seat
Reset method	Mechanical spring
Nominal width	14 mm
Width dimension	69 mm
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	directly
Pilot air supply port	External
Flow direction	Non-reversible
Lap	Negative overlap
Pilot pressure MPa	0.12 MPa...1 MPa
Pilot pressure	1.2 bar...10 bar
b-value	0.32
C value	17.65 l/sbar
Switching time off	27 ms
On switching time	3 ms
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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...60 °C
Temperature of medium	-10 °C...60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-10 °C...60 °C
Product weight	1070 g
Type of mounting	Alternatively: On terminal strip With through-hole
Pilot air port 14	G1/4
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Pneumatic connection 3	G1/2
Pneumatic connection 4	G1/2
Pneumatic connection 5	G1/2
Note on materials	RoHS compliant
Seals material	NBR TPE-U(PU)
Housing material	Die-cast aluminum