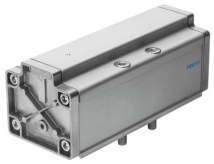
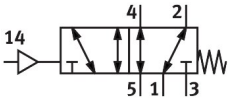
Pneumatic valve
VL-5/2-3/4-D-4

Part number: 12461





General operating condition

Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Pneumatic
Width	76 mm
Standard nominal flow rate	6000 l/min
Pneumatic working port	Sub-base, size 4 as per ISO 5599-1 G3/4
Operating pressure	-0.9 bar ... 16 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Nominal width	18 mm
Width dimension	82 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 5599-1
Manual override	None
ISO code	404
Type of control	Direct
Flow direction	Reversible
Symbol	00991029
Lap	Overlap
Pilot pressure	3 bar ... 16 bar
Switching time off	90 ms
On switching time	25 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)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C ... 60 °C
Noise level	85 dB(A)
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	1800 g
Type of mounting	With through-hole and screw
Pilot air port 14	Sub-base, size 4 as per ISO 5599-1
Pneumatic connection 1	Sub-base, size 4 as per ISO 5599-1
Pneumatic connection 2	Sub-base, size 4 as per ISO 5599-1

Feature	Value
Pneumatic connection 3	Sub-base, size 4 as per ISO 5599-1
Pneumatic connection 4	Sub-base, size 4 as per ISO 5599-1
Pneumatic connection 5	Sub-base, size 4 as per ISO 5599-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Aluminum