

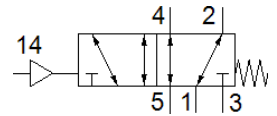
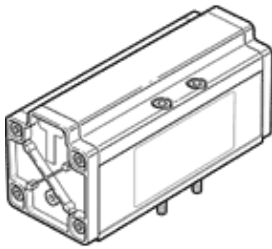
Pneumatic valve

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

Part number: 12461

FESTO

5/2-way function, pneumatically actuated, with spring return



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Width	76 mm
Standard nominal flow rate	6,000 l/min
Working pressure	-0.9 ... 16 bar
Design structure	Piston slide
Type of reset	mechanical spring
Nominal size	18 mm
Grid dimension	82 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	None
ISO code	404
Type of piloting	direct
Flow direction	reversible
Lap	Positive overlap
Pilot pressure	3 ... 16 bar
Switching time off	90 ms
Switching time on	25 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Sound pressure level	85 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	1,800 g
Mounting type	On subbase With through-hole and screw
Pilot air port 14	Connection plate size 4 as per ISO 5599-1
Pneumatic connection, port 1	Connection plate size 4 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 4 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 4 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 4 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 4 as per ISO 5599-1
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum