

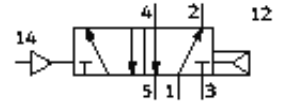
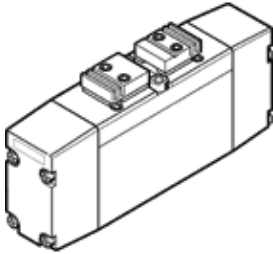
Pneumatic valve

VL-5/2-D-02

Part number: 161081

FESTO

5/2-way function, pneumatically actuated, with spring return
Type to be discontinued. Available until 2009.



Data sheet

Feature	Value
Valve function	5/2 single solenoid
Type of actuation	pneumatic
Width	18 mm
Standard nominal flow rate	500 l/min
Working pressure	2 ... 10 bar
Design structure	Piston slide
Type of reset	Air spring
Authorization	Germanischer Lloyd
Nominal size	6 mm
Grid dimension	19 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDMA 24563
Manual override	None
Type of piloting	direct
Pilot air supply	Internal
Flow direction	non reversible
Pilot pressure	2 ... 10 bar
Switching time off	20 ms
Switching time on	11 ms
Operating medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Corrosion resistance classification CRC	2
Medium temperature	-10 ... 60 °C
Pilot medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Ambient temperature	-10 ... 60 °C
Product weight	120 g
Mounting type	with through hole
Pneumatic connection, port 1	Subbase VDMA 24563 size 2
Pneumatic connection, port 2	Subbase VDMA 24563 size 2
Pneumatic connection, port 3	Subbase VDMA 24563 size 2
Pneumatic connection, port 4	Subbase VDMA 24563 size 2
Pneumatic connection, port 5	Subbase VDMA 24563 size 2
Materials information for seals	NBR
Materials information, housing	Aluminum die cast