

Pneumatic valve

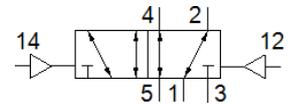
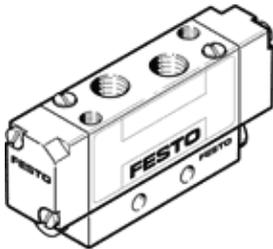
J-5/2-1/8-B

Part number: 173171

FESTO

This type is suitable for vacuum.

5/2-way valve, bistable, pneumatically operated



Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	pneumatic
Width	17.8 mm
Standard nominal flow rate	650 l/min
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	Air spring
Authorization	UL - Recognized (OL)
Nominal size	5 mm
Grid dimension	18 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Pilot air supply	external
Flow direction	reversible
Freedom from overlap	Yes
Pilot pressure	1.5 ... 8 bar
b value	0.42
C value	3.2 l/sbar
Switching time reversal	5 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)
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Sound pressure level	75 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	75 g
Mounting type	with through hole
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8

Feature	Value
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Aluminum die cast