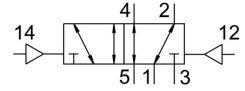
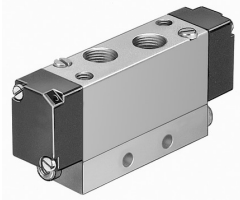


Pneumatic valve J-5/2-1/8-B

Part number: 173171

FESTO



Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Pneumatic
Width	17.8 mm
Standard nominal flow rate	650 l/min
Pneumatic working port	G1/8
Operating pressure	-0.9 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Certification	UL - Recognized (OL)
Nominal width	5 mm
Width dimension	18 mm
Type code	J
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Pilot air supply port	External
Flow direction	Reversible
Symbol	00991037
Lap	Overlap
Pilot pressure	1.5 bar ... 8 bar
b-value	0.42
C value	3.2 l/sbar
Changeover time	5 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)
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 40 °C
Temperature of medium	-5 °C ... 50 °C
Noise level	75 dB(A)
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C

Feature	Value
Product weight	75 g
Type of mounting	With through-hole
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Pneumatic connection 4	G1/8
Pneumatic connection 5	G1/8
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum