

Pneumatic valve

J-5/2-D-3-C

Part number: 151865

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Pneumatic
Width	65 mm
Normal nominal flow rate (normalized to DIN 1343)	4500 l/min
Pneumatic working port	Sub-base, size 3 as per ISO 5599-1 G1/2
Operating pressure	-0.09 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 bar
Structural design	Piston gate valve
Nominal width	14.5 mm
Width dimension	71 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	301
Type of control	Direct
Flow direction	Reversible
Symbol	00991037
Lap	Overlap
Pilot pressure MPa	0.2 MPa ... 1.6 MPa
Pilot pressure	2 bar ... 16 bar
Changeover time	8 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
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	810 g

Feature	Value
Type of mounting	On sub-base With through-hole and screw
Pilot air port 12	Sub-base, size 3 as per ISO 5599-1
Pilot air port 14	Sub-base, size 3 as per ISO 5599-1
Pneumatic connection 1	Sub-base, size 3 as per ISO 5599-1
Pneumatic connection 2	Sub-base, size 3 as per ISO 5599-1
Pneumatic connection 3	Sub-base, size 3 as per ISO 5599-1
Pneumatic connection 4	Sub-base, size 3 as per ISO 5599-1
Pneumatic connection 5	Sub-base, size 3 as per ISO 5599-1
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum