

Pneumatic valve J-5-3/8-B

Part number: 14953

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	Pneumatic
Construction width	40 mm
Standard nominal flow rate (standardised to DIN 1343)	2000 l/min
pneumatic working port	G3/8
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Nominal size	12 mm
Grid dimension	41 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	None
Type of piloting	Direct
Pilot air supply	External
Flow direction	Reversible
Symbol	00991037
lap	Overlap
Max. switching frequency	3 Hz
Switching time reversal	3 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-40 °C ... 60 °C
Media temperature	-10 °C ... 60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	550 g
Type of mounting	Either: On PR rail With through-hole
Pilot air port 12	G1/8
Pilot air port 14	G1/8

Feature	Value
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium