

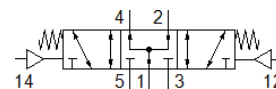
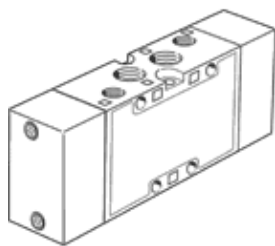
pneumatic valve

VL-5/3B-1/8-B

Part number: 31310

FESTO

5/3-way function, centre position pressurised



Data sheet

Feature	Value
Valve function	5/3 pressurised
Type of actuation	pneumatic
Width	26 mm
Standard nominal flow rate	1,000 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Nominal size	8 mm
Grid dimension	27 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
Overlap	Positive overlap
Pilot pressure	3 ... 10 bar
Max. switching frequency	3 Hz
Switching time off	14 ms
Switching time on	5 ms
Switching time reversal	16 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)
Corrosion resistance classification CRC	1 - Low corrosion stress
Storage temperature	-40 ... 60 °C
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	320 g
Mounting type	On PR manifold with through hole Optional
Pilot exhaust port 82	M5
Pilot air port 12	G1/8
Pilot air port 14	G1/8
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium die cast