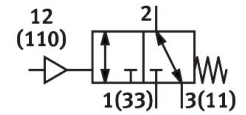


Pneumatic valve VL/O-3-1/8-B

Part number: 7803

FESTO



Data sheet

Feature	Value
Valve function	3/2-way, monostable, open/closed
Type of actuation	Pneumatic
Construction width	26 mm
Standard nominal flow rate (standardised to DIN 1343)	500 l/min
pneumatic working port	G1/8
Operating pressure	-0.095 MPa...1 MPa -0.95 bar...10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Nominal size	5 mm
Grid dimension	27 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Type of piloting	Direct
Pilot air supply	External
Flow direction	Reversible
lap	Underlap
Pilot pressure	0.1 MPa...1 MPa 1 bar...10 bar
Max. switching frequency	12 Hz
Switching time off	10 ms
Switching time on	4 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	-20 °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

Feature	Value
Product weight	150 g
Type of mounting	Either: On manifold rail With through-hole
Pilot air port 110	G1/8
Pilot air port 12	G1/8
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 11	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic port 33	G1/8
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Die-cast aluminium