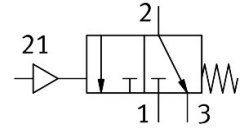
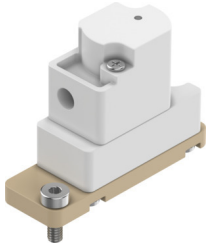


Media separated pneumatic valve VZDB-F10-M32-16-M3-PF

Part number: 8122800

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Design	Rocker valve with diaphragm seal
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	optional
Type of mounting	Via through-hole for M2 screw
Connection Process valve	Male thread/male thread
Size	10
Nominal size	1.6 mm
Valve function	3/2-way, monostable, open/closed
Manual override	None
Flow direction	Non-reversible
Operating pressure	-0.075 MPa ... 0.1 MPa
Operating pressure	-0.75 bar ... 1 bar
Operating pressure	-10.875 psi ... 14.5 psi
Exhaust-air function	With flow control option
Type of reset	Mechanical spring
Type of piloting	Pilot actuated
Pilot air port 21	M3
Fluid connection	Flange
Pilot pressure	0.15 MPa ... 0.3 MPa
Pilot pressure	1.5 bar ... 3 bar
Pilot pressure	21.75 psi ... 43.5 psi
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:1]
Symbol	00997352
Operating medium	Liquid media Gaseous media
Note on operating and pilot medium	Observe resistance of materials that come into contact with the media Maximum particle size 5 µm
Internal volume	35 µl
Media temperature	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Flow rate Kv	0.034 m³/h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	PEEK

Feature	Value
Material seals	FFPM
Product weight	7 g
Corrosion resistance class CRC	0 - No corrosion stress
Max. switching frequency	2 Hz