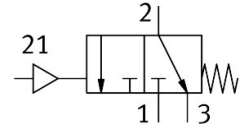


# Media separated pneumatic valve VZDB-F10-M32-16-M3-PF

FESTO

Part number: 8122800



[PDF General operating condition](#)

## Data sheet

Feature	Value
Structural design	Rocker valve with diaphragm seal
Actuation type	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	With through-hole for M2 screw
Fitting connection	External thread/external thread
Size	10
Nominal width	1.6 mm
Valve function	3/2, open/closed, monostable
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
Reset method	Mechanical spring
Type of control	Pilot-controlled
Pilot air port 21	M3
Fluid connector	Flange
Pilot pressure MPa	0.15 MPa ... 0.3 MPa
Pilot pressure	1.5 bar ... 3 bar
Pilot pressure psi	21.75 psi ... 43.5 psi
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:1]
Symbol	00997352
Operating medium	Liquid media Gaseous media
Information on operating and pilot media	Maximum particle size 5 µm
Internal volume	35 µl
Temperature of medium	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Flow rate Kv	0.034 m <sup>3</sup> /h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Housing material	PEEK
Seals material	FFPM

<b>Feature</b>	<b>Value</b>
Product weight	7 g
Corrosion resistance class (CRC)	0 - No corrosion stress
Max. switching frequency	2 Hz