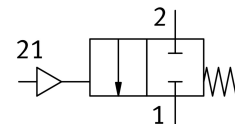
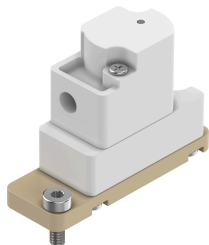


# Media separated pneumatic valve VZDB-F10-M22C-16-M3-PF

Part number: 8122797

FESTO



## 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	2/2-way, closed, monostable
Manual override	None
Flow direction	Non-reversible
Operating pressure	-0.075 MPa...0.1 MPa -0.75 bar...1 bar -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 1.5 bar...3 bar 21.75 psi...43.5 psi
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:1]
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 m <sup>3</sup> /h
Note on materials	RoHS-compliant

<b>Feature</b>	<b>Value</b>
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	PEEK
Material seals	FFPM
Product weight	7 g
Corrosion resistance class CRC	0 - No corrosion stress
Max. switching frequency	2 Hz