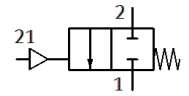
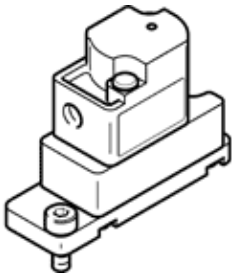


media separated pneumatic valve

VZDB-F10-M22C-16-M3-PV

Part number: 8122796

FESTO



Data sheet

Feature	Value
Design structure	Rocker valve with diaphragm seal
Type of actuation	pneumatic
Sealing principle	soft
Assembly position	Any
Mounting type	With through-hole for M2 screw
Process valve connection	Male thread/male thread
Size	10
Nominal size	1.6 mm
Valve function	2/2 closed, monostable
Manual override	None
Flow direction	non reversible
Operating pressure MPa	-0.075 ... 0.1 MPa
Working pressure	-0.75 ... 1 bar
Operating pressure	-10.875 ... 14.5 psi
Exhaust-air function	throttleable
Type of reset	mechanical spring
Type of piloting	Piloted
Pilot air port 21	M3
Fluid connection	Flange
Pilot pressure MPa	0.15 ... 0.3 MPa
Pilot pressure	1.5 ... 3 bar 21.75 ... 43.5 psi
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:1]
Operating medium	Fluid media Gaseous media
Note on operating and pilot medium	Observe resistance of materials that come into contact with media Maximum particle size: 5 µm
Internal volume	35 µl
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Storage temperature	-20 ... 70 °C
Flow rate Kv	0.034 m3/h
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material housing	PEEK
Material seals	FPM
Product weight	7 g
Corrosion resistance classification CRC	0 - No corrosion stress
Max. switching frequency	2 Hz