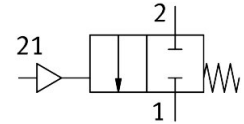


# Media separated pneumatic valve VZDB-F10-M22C-16-M3-PV

Part number: 8122796

FESTO



[PDF General operating condition](#)

## Data sheet

Feature	Value
Design	Rocker valve with diaphragm seal
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	Any
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, single solenoid, 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	Can be throttled
Type of reset	Mechanical spring
Type of piloting	Piloted
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	00997350
Operating medium	Liquid media Gaseous media
Note on operating and pilot medium	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
Material seals	Fluoro rubber

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