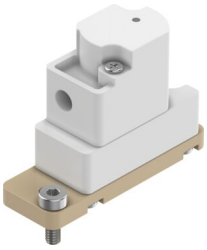
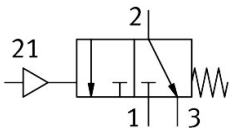
Media separated pneumatic valve
VZDB-F10-M32-16-M3-PF

Part number: 8122800





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 -0.75 bar...1 bar -10.875 psi...14.5 psi
Exhaust air function	Adjustable
Reset method	Mechanical spring
Type of control	Piloted
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]
Operating medium	Liquid media Gaseous media
Information on operating and pilot media	Observe resistance of materials that come into contact with 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 m³/h

Feature	Value
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Housing material	PEEK
Seals material	FFPM
Product weight	7 g
Corrosion resistance class (CRC)	0 - No corrosion stress
Max. switching frequency	2 Hz