

Pneumatic valve VOFD-L100T-

Part number: 2964753

FESTO



Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Width	51 mm
Standard nominal flow rate	1900 l/min
Pneumatic working port	Flange 1/2 G1/2 1/2 NPT NAMUR connection diagram
Operating pressure	0 MPa...1.2 MPa 0 bar...12 bar 0 psi...174 psi
Structural design	Directly controlled poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
Nominal width	10 mm
Sealing principle	Soft
Mounting position	Any
Manual override	None Non-detenting
Type of control	Direct
Flow direction	Reversible
Suitability for vacuum	yes
b-value	0.22
C value	7.6 l/sbar
Flow rate for piston valve pressurization	1.68 m³/h
Flow rate for piston valve exhausting	1.68 m³/h
Standard nominal flow rate 2-3	1888 l/min
Switching time off	60 ms
On switching time	40 ms
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:2:2]

Feature	Value
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium	-25 °C...60 °C
Ambient temperature	-25 °C...60 °C
Product weight	950 g
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Aluminum, ematal coated