

Pneumatic valve VOFD-L100T-

Part number: 2964753

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Width	51 mm
Normal nominal flow rate (normalized to DIN 1343)	1900 l/min
Pneumatic working port	Flange 1/2 G1/2 1/2 NPT NAMUR connection diagram
Operating pressure	0 MPa ... 1.2 MPa
Operating pressure	0 bar ... 12 bar
Operating pressure	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 m ³ /h
Flow rate for piston valve exhausting	1.68 m ³ /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]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium	-25 °C ... 60 °C

Feature	Value
Ambient temperature	-25 °C ... 60 °C
Product weight	950 g
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Aluminum, ematal coated