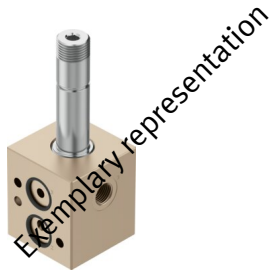


Pneumatic valve VOFD-L50T-

Part number: 3212962

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
Standard nominal flow rate	493 l/min
Pneumatic working port	Flange 1/4 G1/4 1/4 NPT NAMUR connection diagram
Operating pressure	0 MPa ... 1 MPa
Operating pressure	0 bar ... 10 bar
Operating pressure	0 psi ... 145 psi
Structural design	Directly controlled poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
Certificate issuing authority	TÜV 968/V 1251.02/24
Nominal width	5 mm
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Flow direction	Reversible
Suitability for vacuum	yes
b-value	0.25
C value	2 l/sbar
Flow rate for piston valve pressurization	0.36 m³/h
Flow rate for piston valve exhausting	0.36 m³/h
Standard nominal flow rate 2-3	429 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]
Extended ambient temperature	-25 - 60 °C Low demand mode
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress

Feature	Value
LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium	-25 °C ... 60 °C
Ambient temperature	-25 °C ... 60 °C
Product weight	560 g
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	High-alloy stainless steel