

# Pneumatic valve VOFD-L35T-

Part number: 2956784

FESTO



## Data sheet

Feature	Value
Valve function	3/2, closed, monostable, semi-automatic 3/2, closed, monostable
Actuation type	Electrical
Width	51 mm
Standard nominal flow rate	406 l/min
Pneumatic working port	G1/4 1/4 NPT
Operating pressure	0 MPa...0.8 MPa 0 bar...8 bar
Structural design	Directly controlled poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
Nominal width	3.5 mm
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting None Non-detenting
Type of control	Direct
Flow direction	Non-reversible
Suitability for vacuum	no
b-value	0.15
C value	1.8 l/sbar
Flow rate for piston valve pressurization	0.32 m <sup>3</sup> /h
Flow rate for piston valve exhausting	0.32 m <sup>3</sup> /h
Standard nominal flow rate 2-3	440 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 according to ISO 8573-1:2010 [7:1:2] Compressed air as per ISO 8573-1:2010 [7:2:2]

<b>Feature</b>	<b>Value</b>
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium	-50 °C...60 °C
Ambient temperature	-50 °C...60 °C
Product weight	390 g
Note on materials	RoHS-compliant
Seals material	NBR VMQ
Housing material	Aluminum, ematal coated High-alloy stainless steel