

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-way, closed, monostable
Type of actuation	Electric
Construction width	51 mm
Standard nominal flow rate (standardised to DIN 1343)	1900 l/min
pneumatic working port	Flange 1/2 G1/2 1/2 NPT NAMUR port pattern
Operating pressure	0 MPa ... 1.2 MPa
Operating pressure	0 bar ... 12 bar
Operating pressure	0 psi ... 174 psi
Design	Directly actuated poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	10 mm
Sealing principle	Soft
Mounting position	optional
Manual override	None Non-detenting
Type of piloting	Direct
Flow direction	Reversible
Suitability for vacuum	yes
b value	0.22
C value	7.6 l/sbar
Flow rate Kv pressurisation	1.68 m³/h
Flow rate Kv exhaust	1.68 m³/h
Standard nominal flow rate 2-3	1888 l/min
Switching time off	60 ms
Switching time on	40 ms
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:2:2]
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-25 °C ... 60 °C

Feature	Value
Ambient temperature	-25 °C ... 60 °C
Product weight	950 g
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Ematal coated aluminium