

Valve
VOFD-L100T-
 Part number: 2964753

FESTO



Data sheet

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 0 bar...12 bar 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]

Feature	Value
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-25 °C...60 °C
Ambient temperature	-25 °C...60 °C
Product weight	950 g
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Ematal coated aluminium