

Valve VOFD-L35T-

Part number: 2956784

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2-way, closed, monostable, semi-automatic 3/2-way, single solenoid, closed
Type of actuation	Electrical
Construction width	51 mm
Standard nominal flow rate (standardised to DIN 1343)	406 l/min
pneumatic working port	G1/4 1/4 NPT
Operating pressure	0 MPa ... 0.8 MPa
Operating pressure	0 bar ... 8 bar
Operating pressure	0 psi ... 116 psi
Design	Directly actuated poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	3.5 mm
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting None Non-detenting
Type of piloting	Direct
Flow direction	Non-reversible
Suitability for vacuum	No
b value	0.15
C value	1.8 l/sbar
Flow rate Kv pressurisation	0.32 m ³ /h
Flow rate Kv exhaust	0.32 m ³ /h
Standard nominal flow rate 2-3	440 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 according to ISO 8573-1:2010 [7:1:2] 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

Feature	Value
Media temperature	-50 °C ... 60 °C
Ambient temperature	-50 °C ... 60 °C
Product weight	390 g
Note on materials	RoHS compliant
Material seals	NBR VMQ
Material housing	Ematal coated aluminium High-alloy stainless steel