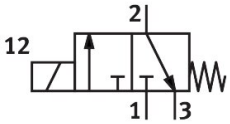
Pneumatic valve
VOFD-L12T-M32-MN-G14-8-F19A

Part number: 3014556





Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Actuation type	Electrical
Width	50 mm
Normal nominal flow rate (normalized to DIN 1343)	52 l/min
Pneumatic working port	G1/4
Operating pressure	0 MPa...0.8 MPa 0 bar...8 bar 0 psi...116 psi
Structural design	Directly actuated poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
Nominal width	1.2 mm
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	directly
Flow direction	Non-reversible
Suitability for vacuum	Yes
b-value	0.53
C value	0.21 l/sbar
Flow rate for piston valve pressurization	0.04 m³/h
Flow rate for piston valve exhausting	0.04 m³/h
Standard nominal flow rate 2-3	49 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]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Temperature of medium	-25 °C...60 °C

Feature	Value
Ambient temperature	-25 °C...60 °C
Product weight	170 g
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Aluminum, ematal coated