

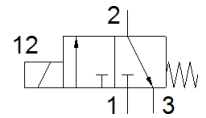
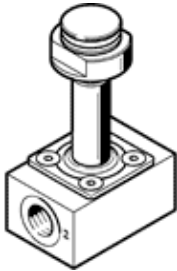
Valve

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

Part number: 3014556

FESTO

direct controlled, 1.2 mm nominal width, F19A armature system.



Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	50 mm
Standard nominal flow rate	52 l/min
Operating pressure MPa	0 ... 0.8 MPa
Working pressure	0 ... 8 bar
Design structure	Directly actuated poppet valve
Type of reset	mechanical spring
Protection class	IP65
Nominal size	1.2 mm
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Flow direction	non reversible
Suitability for vacuum	Yes
b value	0.53
C value	0.21 l/sbar
Flow rate Kv ventilation	0.04 m ³ /h
Flow rate Kv exhaust	0.04 m ³ /h
Standard nominal flow rate 2-3	49 l/min
Switching time off	60 ms
Switching time on	40 ms
Operating medium	Druckl. ISO8573-1:2010[7:2:2]
Corrosion resistance classification CRC	4 - Very high corrosion stress
PWIS conformity	VDMA24364 zone III
Medium temperature	-25 ... 60 °C
Ambient temperature	-25 ... 60 °C
Product weight	170 g
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium (Ematal coated)