

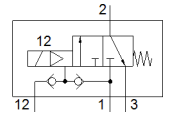
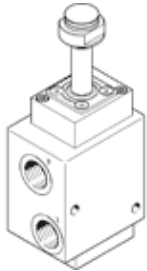
valve

VOFC-LT-M32C-MC-G12-F19

Part number: 4514748

FESTO

3/2 monostable, F19 armature system.



Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	51 mm
Standard nominal flow rate	2,794 l/min
Operating pressure MPa	0.2 ... 0.8 MPa
Operating pressure	2 ... 8 bar
Design structure	Pilot-actuated piston poppet valve
Type of reset	mechanical spring
Protection class	IP65
Certificate issuing department	TÜV 968/V 1251.00/21
Nominal size	12 mm
Sealing principle	Hard
Assembly position	Any
Manual override	None
Type of piloting	Piloted
Pilot air supply	external Internal
Flow direction	non reversible
Safety function	Safe venting
Safety Integrity Level (SIL)	Product can be used in SRP/CS up to SIL 3 (high demand) bis SIL 3 Low Demand mode
Note on operating pressure	0 - 0.8 MPa with external pilot air
Flow rate Kv ventilation	2.56 m ³ /h
Flow rate Kv exhaust	3.17 m ³ /h
Standard nominal flow rate 2-3	3,466 l/min
Switching time off	14 ms
Switching time on	25 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	880 g
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G1/2
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium (Ematal coated)