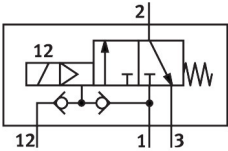


Valve

VOFC-LT-M32C-MC-N14-F19

Part number: 4514742

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)	703 l/min
pneumatic working port	1/4 NPT
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar 14.5 psi...116 psi
Design	Piloted piston poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
Certificate issuing authority	TÜV 968/V 1251.00/24
Nominal size	6 mm
Sealing principle	Hard
Mounting position	optional
Manual override	None
Type of piloting	Pilot actuated
Pilot air supply	External Internal
Flow direction	Non-reversible
Safety function	Safe venting
Safety Integrity Level (SIL)	Up to SIL 3 High Demand mode To SIL 3 Low Demand mode
Note on operating pressure	0 - 0.8 MPa with ext. pilot air
Flow rate Kv pressurisation	0.64 m³/h
Flow rate Kv exhaust	1.46 m³/h
Standard nominal flow rate 2-3	1596 l/min
Switching time off	18 ms
Switching time on	24 ms
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)

Feature	Value
Operating medium	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
Media temperature	-25 °C...60 °C
Ambient temperature	-25 °C...60 °C
Product weight	550 g
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Ematal coated aluminium