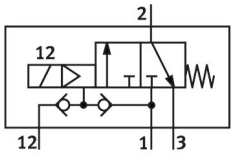
Pneumatic valve
VOFC-LT-M32C-MC-N14-F19

Part number: 4514742





Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Actuation type	Electrical
Width	51 mm
Normal nominal flow rate (normalized 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
Structural design	Pilot-controlled piston poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
Certificate issuing authority	TÜV 968/V 1251.00/24
Nominal width	6 mm
Sealing principle	Hard
Mounting position	Any
Manual override	None
Type of control	Piloted
Pilot air supply port	External Internal
Flow direction	Non-reversible
Safety function	Safe exhausting
Safety integrity level (SIL)	Up to SIL 3 high demand mode Up to SIL 3 low demand mode
Information on operating pressure	0 – 0.8 bar with external pilot air
Flow rate for piston valve pressurization	0.64 m³/h
Flow rate for piston valve exhausting	1.46 m³/h
Standard nominal flow rate 2-3	1596 l/min
Switching time off	18 ms
On switching time	24 ms
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)

Feature	Value
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
Ambient temperature	-25 °C...60 °C
Product weight	550 g
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Aluminum, ematal coated