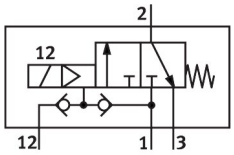
# Pneumatic valve
# VOFC-LT-M32C-MC-G14-F19A

Part number: 4514741






## 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 | G1/4 |
| Operating pressure | 0.1 MPa...0.8 MPa<br>1 bar...8 bar<br>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<br>Internal |
| Flow direction | Non-reversible |
| Safety function | Safe exhausting |
| Safety integrity level (SIL) | Up to SIL 3 high demand mode<br>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)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>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 | 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 |