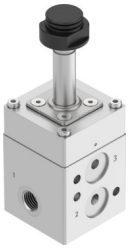
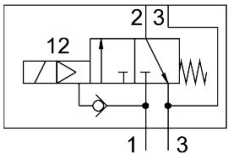
# Valve
# VOFC-LT-M32C-M-FG14-F19A

Part number: 4514739






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2-way, single solenoid, closed |
| Type of actuation | Electrical |
| Construction width | 51 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 601 l/min |
| pneumatic working port | Sub-base<br>G1/4 |
| Operating pressure | 0.1 MPa...0.8 MPa<br>1 bar...8 bar<br>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 | Any |
| Manual override | None |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Safety function | Safe exhausting |
| Safety Integrity Level (SIL) | up to SIL 3 high demand mode<br>To SIL 3 Low Demand mode |
| Note on operating pressure | 0 - 0.8 MPa with ext. pilot air |
| Flow rate Kv pressurisation | 0.55 m³/h |
| Flow rate Kv exhaust | 0.99 m³/h |
| Standard nominal flow rate 2-3 | 1085 l/min |
| Switching time off | 18 ms |
| Switching time on | 24 ms |
| Explosion protection | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>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 | 600 g |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | Flange 1/4<br>Connection pattern to NAMUR |
| Pneumatic connection, port 3 | G1/4 |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material housing | Ematal coated aluminium |