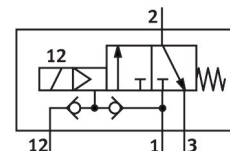


# Pneumatic valve VOFC-LT-M32C-MC-G14-F19A

Part number: 4514741

**FESTO**



## Data sheet

| Feature                                   | Value                                                              |
|-------------------------------------------|--------------------------------------------------------------------|
| Valve function                            | 3/2, closed, monostable                                            |
| Actuation type                            | Electrical                                                         |
| Width                                     | 51 mm                                                              |
| Standard nominal flow rate                | 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                           | Pilot-controlled                                                   |
| Pilot air supply port                     | External<br>Internal                                               |
| Flow direction                            | Non-reversible                                                     |
| Safety function                           | Safe venting                                                       |
| 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           | G¼                                            |
| Pneumatic connection 3           | G1/4                                          |
| Note on materials                | RoHS-compliant                                |
| Seals material                   | NBR                                           |
| Housing material                 | Aluminum, ematal coated                       |