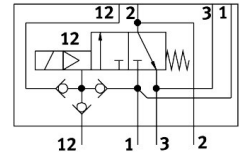
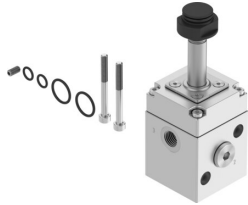


# Pneumatic valve VOFC-LT-M32C-MC-FGP14-F19

Part number: 4514744

**FESTO**



 General operating condition

## Data sheet

| Feature                                   | Value                                                              |
|-------------------------------------------|--------------------------------------------------------------------|
| Valve function                            | 3/2, closed, monostable                                            |
| Actuation type                            | Electrical                                                         |
| Width                                     | 51 mm                                                              |
| Standard nominal flow rate                | 595 l/min                                                          |
| Pneumatic working port                    | Sub-base<br>G1/4                                                   |
| Operating pressure                        | 0.1 MPa ... 0.8 MPa                                                |
| Operating pressure                        | 1 bar ... 8 bar                                                    |
| Operating pressure                        | 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                                                     |
| Symbol                                    | 00995232                                                           |
| 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 | 0.54 m³/h                                                          |
| Flow rate for piston valve exhausting     | 0.98 m³/h                                                          |
| Standard nominal flow rate 2-3            | 1066 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) |
| Operating medium                          | Compressed air as per ISO 8573-1:2010 [7:2:2]                      |
| Corrosion resistance class (CRC)          | 4 - Particularly high corrosion stress                             |

| Feature                | Value                                  |
|------------------------|----------------------------------------|
| LABS (PWIS) conformity | VDMA24364 zone III                     |
| Temperature of medium  | -25 °C ... 60 °C                       |
| Ambient temperature    | -25 °C ... 60 °C                       |
| Product weight         | 600 g                                  |
| Pneumatic connection 1 | M5<br>NAMUR connection diagram         |
| Pneumatic connection 2 | Flange 1/4<br>NAMUR connection diagram |
| Pneumatic connection 3 | G1/4                                   |
| Note on materials      | RoHS-compliant                         |
| Seals material         | NBR                                    |
| Housing material       | Aluminum, ematal coated                |