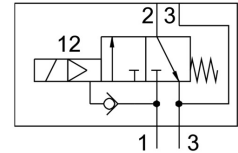
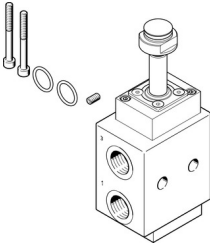


# Valve VOFC-LT-M32C-M-FG12-F19

Part number: 4514746

**FESTO**



General operating condition

## Data sheet

| Feature                        | Value                                                              |
|--------------------------------|--------------------------------------------------------------------|
| Valve function                 | 3/2-way, closed, monostable                                        |
| Type of actuation              | Electric                                                           |
| Construction width             | 51 mm                                                              |
| Standard nominal flow rate     | 2162 l/min                                                         |
| pneumatic working port         | Sub-base<br>G1/2                                                   |
| Operating pressure             | 0.2 MPa ... 0.8 MPa                                                |
| Operating pressure             | 2 bar ... 8 bar                                                    |
| Design                         | Piloted piston poppet valve                                        |
| Type of reset                  | Mechanical spring                                                  |
| Degree of protection           | IP65                                                               |
| Certificate issuing authority  | TÜV 968/V 1251.00/21                                               |
| Nominal size                   | 12 mm                                                              |
| Sealing principle              | Hard                                                               |
| Mounting position              | optional                                                           |
| Manual override                | None                                                               |
| Type of piloting               | Pilot actuated                                                     |
| Pilot air supply               | Internal                                                           |
| Flow direction                 | Non-reversible                                                     |
| Symbol                         | 00995568                                                           |
| Safety function                | Safe venting                                                       |
| Safety Integrity Level (SIL)   | Up to SIL 3 High Demand mode<br>To SIL 3 Low Demand mode           |
| Flow rate Kv pressurisation    | 1.98 m³/h                                                          |
| Flow rate Kv exhaust           | 3.86 m³/h                                                          |
| Standard nominal flow rate 2-3 | 4224 l/min                                                         |
| Switching time off             | 14 ms                                                              |
| Switching time on              | 25 ms                                                              |
| Explosion protection           | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| 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                                                   |

| Feature                      | Value                            |
|------------------------------|----------------------------------|
| Ambient temperature          | -25 °C ... 60 °C                 |
| Product weight               | 880 g                            |
| Pneumatic connection, port 1 | G1/2                             |
| Pneumatic connection, port 2 | Flange 1/4<br>NAMUR port pattern |
| Pneumatic connection, port 3 | G1/2                             |
| Note on materials            | RoHS-compliant                   |
| Material seals               | NBR                              |
| Material housing             | Ematal coated aluminium          |