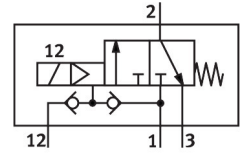


# Valve VOFC-LT-M32C-MC-N14-F19

Part number: 4514742

**FESTO**



[PDF](#) 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 (standardised to DIN 1343) | 703 l/min                                                          |
| pneumatic working port                                | 1/4 NPT                                                            |
| Operating pressure                                    | 0.1 MPa ... 0.8 MPa                                                |
| Operating pressure                                    | 1 bar ... 8 bar                                                    |
| Operating pressure                                    | 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                                     | optional                                                           |
| Manual override                                       | None                                                               |
| Type of piloting                                      | Pilot actuated                                                     |
| Pilot air supply                                      | External<br>Internal                                               |
| Flow direction                                        | Non-reversible                                                     |
| Symbol                                                | 00992275                                                           |
| Safety function                                       | Safe venting                                                       |
| 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                           | 0.64 m³/h                                                          |
| Flow rate Kv exhaust                                  | 1.46 m³/h                                                          |
| Standard nominal flow rate 2-3                        | 1596 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) |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:2:2]                          |
| Corrosion resistance class CRC                        | 4 - Very high corrosion stress                                     |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| LABS (PWIS) conformity       | VDMA24364 zone III      |
| Media temperature            | -25 °C ... 60 °C        |
| Ambient temperature          | -25 °C ... 60 °C        |
| Product weight               | 550 g                   |
| Pneumatic connection, port 1 | 1/4 NPT                 |
| Pneumatic connection, port 2 | 1/4 NPT                 |
| Pneumatic connection, port 3 | 1/4 NPT                 |
| Note on materials            | RoHS-compliant          |
| Material seals               | NBR                     |
| Material housing             | Ematal coated aluminium |