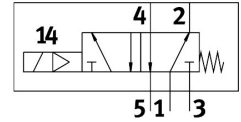


# Pneumatic valve VOFC-L-M52-M-FG14-F19A

Part number: 4514924

**FESTO**



## Data sheet

| Feature                                   | Value                                                              |
|-------------------------------------------|--------------------------------------------------------------------|
| Valve function                            | 5/2, monostable                                                    |
| Actuation type                            | Electrical                                                         |
| Width                                     | 40 mm                                                              |
| Standard nominal flow rate                | 1030 l/min                                                         |
| Pneumatic working port                    | Sub-base<br>G1/4                                                   |
| Operating pressure                        | 0.25 MPa...0.8 MPa<br>2.5 bar...8 bar<br>36.25 psi...116 psi       |
| Structural design                         | Piston gate valve                                                  |
| Reset method                              | Mechanical spring                                                  |
| Degree of protection                      | IP65                                                               |
| Nominal width                             | 6 mm                                                               |
| Sealing principle                         | Soft                                                               |
| Mounting position                         | Any                                                                |
| Manual override                           | None                                                               |
| Type of control                           | Pilot-controlled                                                   |
| Pilot air supply port                     | Internal                                                           |
| Flow direction                            | Non-reversible                                                     |
| Flow rate for piston valve pressurization | 1.08 m³/h                                                          |
| Flow rate for piston valve exhausting     | 1.08 m³/h                                                          |
| Standard nominal flow rate 2-3            | 978 l/min                                                          |
| Switching time off                        | 22 ms                                                              |
| On switching time                         | 26 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                             |
| LABS (PWIS) conformity                    | VDMA24364 zone III                                                 |
| Temperature of medium                     | -25 °C...60 °C                                                     |
| Ambient temperature                       | -25 °C...60 °C                                                     |

| Feature                | Value                                  |
|------------------------|----------------------------------------|
| Product weight         | 520 g                                  |
| Pneumatic connection 1 | G1/4                                   |
| Pneumatic connection 2 | Flange 1/4<br>NAMUR connection diagram |
| Pneumatic connection 3 | G1/4                                   |
| Pneumatic connection 4 | Flange 1/4<br>NAMUR connection diagram |
| Pneumatic connection 5 | G1/4                                   |
| Note on materials      | RoHS-compliant                         |
| Seals material         | NBR                                    |
| Housing material       | Aluminum, ematal coated                |