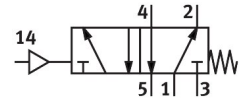


# Pneumatic valve VL-5-1/4

Part number: 9199

**FESTO**



[PDF General operating condition](#)

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 5/2, monostable                                                    |
| Actuation type                           | Pneumatic                                                          |
| Width                                    | 30.5 mm                                                            |
| Standard nominal flow rate               | 800 l/min                                                          |
| Pneumatic working port                   | G1/4                                                               |
| Operating pressure                       | 0 MPa ... 0.8 MPa                                                  |
| Operating pressure                       | 0 bar ... 8 bar                                                    |
| Structural design                        | Plate seat                                                         |
| Reset method                             | Mechanical spring                                                  |
| Degree of protection                     | IP65                                                               |
| Nominal width                            | 7 mm                                                               |
| Width dimension                          | 32 mm                                                              |
| Exhaust air function                     | With flow control option                                           |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Type of control                          | Direct                                                             |
| Pilot air supply port                    | External                                                           |
| Flow direction                           | Non-reversible                                                     |
| Symbol                                   | 00991001                                                           |
| Lap                                      | Underlap                                                           |
| Pilot pressure MPa                       | 0.12 MPa ... 1 MPa                                                 |
| Pilot pressure                           | 1.2 bar ... 10 bar                                                 |
| Switching time off                       | 11 ms                                                              |
| On switching time                        | 7 ms                                                               |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress                                           |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                  |
| Storage temperature                      | -20 °C ... 60 °C                                                   |
| Temperature of medium                    | -10 °C ... 60 °C                                                   |
| Pilot medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Ambient temperature                      | -10 °C ... 60 °C                                                   |
| Product weight                           | 220 g                                                              |
| Type of mounting                         | With through-hole                                                  |
| Pilot air port 14                        | G1/8                                                               |
| Pneumatic connection 1                   | G1/4                                                               |

| Feature                | Value             |
|------------------------|-------------------|
| Pneumatic connection 2 | G1/4              |
| Pneumatic connection 3 | G1/4              |
| Pneumatic connection 4 | G1/4              |
| Pneumatic connection 5 | G1/4              |
| Note on materials      | RoHS-compliant    |
| Seals material         | NBR<br>TPE-U(PU)  |
| Housing material       | Die-cast aluminum |