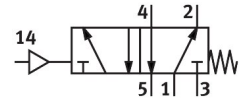


# Pneumatic valve VL-5-1/4-NPT

Part number: 10844

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                    | 5/2, monostable  |
| Actuation type                                    | Pneumatic  |
| Width   | 30.5 mm  |
| Normal nominal flow rate (normalized to DIN 1343) | 800 l/min  |
| Pneumatic working port                            | 1/4 NPT  |
| 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-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                                  | On terminal strip<br>With through-hole                             |
| Pilot air port 14                                 | 1/8 NPT  |

| <b>Feature</b>         | <b>Value</b>      |
|------------------------|-------------------|
| Pneumatic connection 1 | 1/4 NPT           |
| Pneumatic connection 2 | 1/4 NPT           |
| Pneumatic connection 3 | 1/4 NPT           |
| Pneumatic connection 4 | 1/4 NPT           |
| Pneumatic connection 5 | 1/4 NPT           |
| Note on materials      | RoHS-compliant    |
| Seals material         | NBR<br>TPE-U(PU)  |
| Housing material       | Die-cast aluminum |