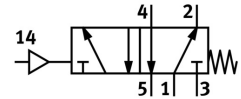


# Pneumatic valve VUWS-LT25-M52-M-G14

Part number: 8035187

FESTO



[PDF General operating condition](#)

## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 5/2, monostable  |
| Actuation type                           | Pneumatic  |
| Valve size                               | 26.5 mm  |
| Standard nominal flow rate               | 1000 l/min   |
| Pneumatic working port                   | G1/4   |
| Operating pressure                       | 0.25 MPa ... 1 MPa   |
| Operating pressure                       | 2.5 bar ... 10 bar   |
| Structural design                        | Plate seat   |
| Reset method                             | Mechanical spring  |
| Certification                            | c UL us - Recognized (OL)  |
| Nominal width                            | 6.6 mm   |
| Exhaust air function                     | With flow control option   |
| Sealing principle                        | Soft   |
| Mounting position                        | Any  |
| Manual override                          | None   |
| Type of control                          | Direct   |
| Pilot air supply port                    | Internal   |
| Flow direction                           | Non-reversible   |
| Symbol                                   | 00991001   |
| Lap                                      | Underlap   |
| Pilot pressure MPa                       | 0.25 MPa ... 1 MPa   |
| Pilot pressure                           | 2.5 bar ... 10 bar   |
| Switching time off                       | 23 ms  |
| On switching time                        | 8 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)                   |
| Vibration resistance                     | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance                         | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L  |
| 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                           | 317 g  |

| <b>Feature</b>          | <b>Value</b>  |
|-------------------------|---|
| Type of mounting        | Optionally:<br>On terminal strip<br>With through-hole |
| Venting hole connection | Not ducted  |
| Pilot air port 14       | M5  |
| Pneumatic connection 1  | G1/4  |
| 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          | HNBR<br>NBR<br>TPE-U(PU)                              |
| Housing material        | Die-cast aluminum<br>Painted                          |
| Material of screws      | Steel, galvanized                                     |