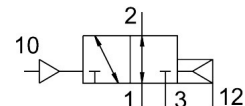


# Pneumatic valve VUWS-L25-M32U-E-G14

Part number: 575499

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 3/2, open, monostable  |
| Actuation type                           | Pneumatic  |
| Valve size                               | 26.5 mm  |
| Standard nominal flow rate               | 1000 l/min   |
| Pneumatic working port                   | G1/4   |
| Operating pressure                       | -0.09 MPa...1 MPa<br>-0.9 bar...10 bar   |
| Structural design                        | Piston gate valve  |
| Reset method                             | Pneumatic spring   |
| Certification                            | c UL us - Recognized (OL)  |
| Nominal width                            | 6.3 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                    | External   |
| Flow direction                           | Reversible   |
| Lap                                      | Overlap  |
| Pilot pressure MPa                       | 0.25 MPa...1 MPa   |
| Pilot pressure                           | 2.5 bar...10 bar   |
| Switching time off                       | 25 ms  |
| On switching time                        | 10 ms  |
| Explosion prevention and protection      | Observe the information on the certificate<br>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 [7:4:4]  |
| 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  |

| Feature                          | Value   |
|----------------------------------|---|
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress                         |
| LABS (PWIS) conformity           | VDMA24364-B1/B2-L                                     |
| Cleanroom class                  | Class 6 according to ISO 14644-1                      |
| 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                   | 268 g   |
| Type of mounting                 | On terminal strip<br>With through-hole<br>Optionally: |
| Venting hole connection          | Not ducted  |
| Pneumatic spring connection 12   | M5  |
| Pilot air port 10                | M5  |
| Pneumatic connection 1           | G1/4  |
| Pneumatic connection 2           | G¼  |
| Pneumatic connection 3           | G1/4  |
| Note on materials                | RoHS-compliant  |
| Seals material                   | HNBR<br>NBR   |
| Housing material                 | Die-cast aluminum<br>Painted                          |
| Piston slide material            | Wrought aluminum alloy                                |
| Material of screws               | Steel, galvanized                                     |