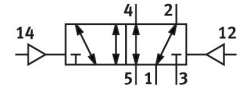


# Pneumatic valve VUWS-L30-B52-G38

Part number: 575615

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 5/2, bistable  |
| Actuation type                           | Pneumatic  |
| Valve size                               | 31 mm  |
| Standard nominal flow rate               | 2300 l/min   |
| Pneumatic working port                   | G3/8   |
| Operating pressure                       | -0.09 MPa ... 1 MPa  |
| Operating pressure                       | -0.9 bar ... 10 bar  |
| Structural design                        | Piston gate valve  |
| Certification                            | c UL us - Recognized (OL)  |
| Nominal width                            | 9.4 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                           | Reversible   |
| Symbol                                   | 00991037   |
| Lap                                      | Overlap  |
| Pilot pressure MPa                       | 0.15 MPa ... 1 MPa   |
| Pilot pressure                           | 1.5 bar ... 10 bar   |
| Changeover time                          | 13 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  |
| 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]  |

| Feature                 | Value   |
|-------------------------|---|
| Ambient temperature     | -10 °C ... 60 °C                                      |
| Product weight          | 545 g   |
| Type of mounting        | On terminal strip<br>With through-hole<br>Optionally: |
| Venting hole connection | Not ducted  |
| Pilot air port 12       | G1/8  |
| Pilot air port 14       | G1/8  |
| Pneumatic connection 1  | G3/8  |
| Pneumatic connection 2  | G3/8  |
| Pneumatic connection 3  | G3/8  |
| Pneumatic connection 4  | G3/8  |
| Pneumatic connection 5  | G3/8  |
| 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, nickel-plated                                  |