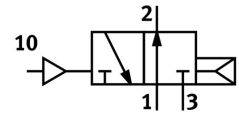


# Pneumatic valve VUWS-L25-M32U-A-G14

Part number: 575498

**FESTO**



[PDF General operating condition](#)

## Data sheet

| Feature                            | Value                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Valve function                     | 3/2 open, single solenoid                                                                                                  |
| Type of actuation                  | 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                                                                                                         |
| Design                             | Piston gate valve                                                                                                          |
| Type of reset                      | Pneumatic spring                                                                                                           |
| Approval                           | c UL us - Recognized (OL)                                                                                                  |
| Nominal size                       | 6.3 mm                                                                                                                     |
| Exhaust-air function               | With flow control option                                                                                                   |
| Sealing principle                  | Soft                                                                                                                       |
| Mounting position                  | optional                                                                                                                   |
| Manual override                    | None                                                                                                                       |
| Type of piloting                   | Direct                                                                                                                     |
| Pilot air supply                   | Internal                                                                                                                   |
| Flow direction                     | Non-reversible                                                                                                             |
| Symbol                             | 00991984                                                                                                                   |
| lap                                | Overlap                                                                                                                    |
| Pilot pressure                     | 0.25 MPa ... 1 MPa                                                                                                         |
| Pilot pressure                     | 2.5 bar ... 10 bar                                                                                                         |
| Switching time off                 | 25 ms                                                                                                                      |
| Switching time on                  | 10 ms                                                                                                                      |
| Explosion protection               | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Operating medium                   | Compressed air to ISO 8573-1:2010 [7:4:4]                                                                                  |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required)                                 |
| Vibration resistance               | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6                                           |
| Shock resistance                   | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                                                          |
| Corrosion resistance class CRC     | 2 - Moderate corrosion stress                                                                                              |
| LABS (PWIS) conformity             | VDMA24364-B1/B2-L                                                                                                          |

| Feature                      | Value                                            |
|------------------------------|--------------------------------------------------|
| Media temperature            | -10 °C ... 60 °C                                 |
| Pilot medium                 | Compressed air to ISO 8573-1:2010 [7:4:4]        |
| Ambient temperature          | -10 °C ... 60 °C                                 |
| Product weight               | 268 g                                            |
| Type of mounting             | Either:<br>On manifold rail<br>With through-hole |
| Breather connection          | Not ducted                                       |
| Pilot air port 10            | M5                                               |
| Pneumatic connection, port 1 | G1/4                                             |
| Pneumatic connection, port 2 | G1/4                                             |
| Pneumatic connection, port 3 | G1/4                                             |
| Note on materials            | RoHS-compliant                                   |
| Material seals               | HNBR<br>NBR                                      |
| Material housing             | Die-cast aluminium<br>Painted                    |
| Material piston slide        | Wrought aluminium alloy                          |
| Material screws              | Galvanised steel                                 |