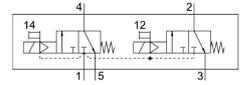


# Solenoid valve

## VUVS-LT25-T32C-MD-G14-F8-1B2

Part number: 8035199

**FESTO**



## Data sheet

| Feature   | Value                                    |
|---|--|
| Valve function  | 2x3/2-way, monostable, closed            |
| Type of actuation                                     | Electric                                 |
| Valve size  | 26.5 mm                                  |
| Standard nominal flow rate (standardised to DIN 1343) | 1000 l/min                               |
| pneumatic working port                                | G1/4                                     |
| Operating voltage                                     | 24V DC                                   |
| Operating pressure                                    | 0.25 MPa...1 MPa<br>2.5 bar...10 bar     |
| Design  | Poppet seat                              |
| Type of reset   | Mechanical spring                        |
| Approval  | c UL us - Recognized (OL)                |
| Degree of protection                                  | IP65<br>With plug socket<br>To IEC 60529 |
| Nominal size  | 6.9 mm                                   |
| Exhaust-air function                                  | With flow control option                 |
| Sealing principle                                     | Soft                                     |
| Mounting position                                     | optional                                 |
| Manual override                                       | Detenting<br>Non-detenting               |
| Type of piloting                                      | Pilot actuated                           |
| Pilot air supply                                      | Internal                                 |
| Flow direction  | Non-reversible                           |
| lap   | Underlap                                 |
| b value   | 0.4                                      |
| C value   | 4.5 l/sbar                               |
| Switching time off                                    | 25 ms                                    |
| Switching time on                                     | 10 ms                                    |
| Duty cycle  | 100%                                     |
| Max. positive test pulse with 0 signal                | 2000 µs                                  |
| Max. negative test pulse with 1 signal                | 3600 µs                                  |
| Characteristic coil data                              | 24 V DC: 3.3 W                           |

| Feature   | Value  |
|---|--|
| Permissible voltage fluctuations                          | +/- 10 %   |
| 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  |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 6 according to ISO 14644-1   |
| Media temperature   | -5 °C...60 °C  |
| Pilot medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Ambient temperature                                       | -5 °C...60 °C  |
| Product weight  | 415 g  |
| Electrical connection                                     | Type B<br>To industry standard (11 mm)   |
| Type of mounting  | Either:<br>On manifold rail<br>With through-hole   |
| Breather connection                                       | Not ducted   |
| Pilot exhaust port 82                                     | M5   |
| Pilot exhaust port 84                                     | M5   |
| Pneumatic connection, port 1                              | G1/4   |
| Pneumatic connection, port 2                              | G1/4   |
| Pneumatic connection, port 3                              | G1/4   |
| Pneumatic connection, port 4                              | G1/4   |
| Pneumatic connection, port 5                              | G1/4   |
| Note on materials   | RoHS-compliant   |
| Material seals  | HNBR<br>NBR<br>TPE-U(PU)   |
| Material housing  | Die-cast aluminium<br>Painted  |
| Material screws   | Galvanised steel   |