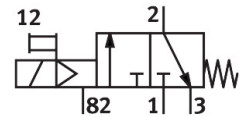


# Solenoid valve VUVS-L25-M32C-MD-G14-FN

Part number: 8192992

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                                                      |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Valve function                                        | 3/2-way, closed, monostable                                                                                                |
| 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 pressure                                    | 0.25 MPa ... 0.8 MPa                                                                                                       |
| Operating pressure                                    | 2.5 bar ... 8 bar                                                                                                          |
| Design                                                | Piston gate valve                                                                                                          |
| Type of reset                                         | Mechanical spring                                                                                                          |
| Exhaust-air function                                  | With flow control option                                                                                                   |
| Sealing principle                                     | Soft                                                                                                                       |
| Mounting position                                     | optional                                                                                                                   |
| Manual override                                       | Detenting                                                                                                                  |
| Type of piloting                                      | Pilot actuated                                                                                                             |
| Pilot air supply                                      | Internal                                                                                                                   |
| Flow direction                                        | Non-reversible                                                                                                             |
| Symbol                                                | 00991041                                                                                                                   |
| lap                                                   | Overlap                                                                                                                    |
| Pilot pressure                                        | 0.25 MPa ... 0.8 MPa                                                                                                       |
| Pilot pressure                                        | 2.5 bar ... 8 bar                                                                                                          |
| b value                                               | 0.3                                                                                                                        |
| C value                                               | 4.8 l/sbar                                                                                                                 |
| Switching time off                                    | 125 ms                                                                                                                     |
| Switching time on                                     | 29 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                                     |
|------------------------------|-------------------------------------------|
| Cleanroom class              | Class 6 according to ISO 14644-1          |
| 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               | 246 g                                     |
| Breather connection          | Not ducted                                |
| 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             | Painted                                   |
| Material piston slide        | Wrought aluminium alloy                   |
| Material screws              | Galvanised steel                          |