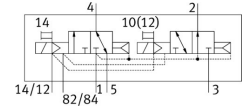
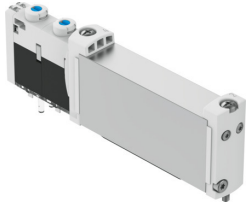


# Solenoid valve VUVG-B14-T32H-AZT-F-1T1L

Part number: 573478

**FESTO**



[General operating condition](#)

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                        | 2x3/2-way, open/closed, monostable                                                         |
| Type of actuation                                     | Electric                                                                                   |
| Valve size                                            | 14 mm                                                                                      |
| Standard nominal flow rate (standardised to DIN 1343) | 490 l/min                                                                                  |
| pneumatic working port                                | Flange                                                                                     |
| Operating voltage                                     | 24V DC                                                                                     |
| Operating pressure                                    | 0.15 MPa ... 1 MPa                                                                         |
| Operating pressure                                    | 1.5 bar ... 10 bar                                                                         |
| Design                                                | Piston gate valve                                                                          |
| Type of reset                                         | Pneumatic spring                                                                           |
| Approval                                              | c UL us - Recognized (OL)                                                                  |
| Degree of protection                                  | IP65<br>IP67                                                                               |
| 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                                      | External                                                                                   |
| Symbol                                                | 00992909                                                                                   |
| lap                                                   | Overlap                                                                                    |
| Signal status display                                 | LED                                                                                        |
| Pilot pressure                                        | 0.15 MPa ... 0.8 MPa                                                                       |
| Pilot pressure                                        | 1.5 bar ... 8 bar                                                                          |
| Max. switching frequency                              | 3 Hz                                                                                       |
| Switching time off                                    | 29 ms                                                                                      |
| Switching time on                                     | 10 ms                                                                                      |
| Duty cycle                                            | 100%                                                                                       |
| Max. positive test pulse with 0 signal                | 1600 µs                                                                                    |
| Max. negative test pulse with 1 signal                | 3000 µs                                                                                    |
| Characteristic coil data                              | 22 V DC: 1.0 W                                                                             |
| 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) |

| Feature                        | Value                                                                            |
|--------------------------------|----------------------------------------------------------------------------------|
| 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                                                                |
| 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                 | 102 g                                                                            |
| Electrical connection          | Via sub-base                                                                     |
| Type of mounting               | On manifold rail                                                                 |
| Note on materials              | RoHS-compliant                                                                   |
| Material seals                 | HNBR<br>NBR                                                                      |
| Material housing               | Wrought aluminium alloy                                                          |