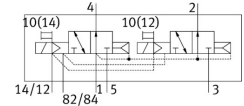
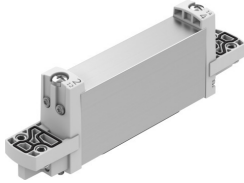


# Air solenoid valve VUVG-B14-T32U-AZ-F-P1

Part number: 8033536

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                  | Value                                                                                |
|------------------------------------------|--------------------------------------------------------------------------------------|
| Valve function                           | 2x3/2, open, monostable                                                              |
| Actuation type                           | Electrical                                                                           |
| Valve size                               | 14 mm                                                                                |
| Standard nominal flow rate               | 510 l/min ... 580 l/min                                                              |
| Pneumatic working port                   | Flange                                                                               |
| Operating pressure                       | 0.15 MPa ... 1 MPa                                                                   |
| Operating pressure                       | 1.5 bar ... 10 bar                                                                   |
| Structural design                        | Piston gate valve                                                                    |
| Reset method                             | Pneumatic spring                                                                     |
| Certification                            | c UL us - Recognized (OL)                                                            |
| Certificate issuing authority            | UL MH19482                                                                           |
| Degree of protection                     | IP65<br>With electrical pilot valve and plug socket                                  |
| Nominal width                            | 4.6 mm                                                                               |
| Exhaust air function                     | With flow control option                                                             |
| Sealing principle                        | Soft                                                                                 |
| Mounting position                        | Any                                                                                  |
| Type of control                          | Pilot-controlled                                                                     |
| Pilot air supply port                    | External                                                                             |
| Symbol                                   | 00992906                                                                             |
| Lap                                      | Overlap                                                                              |
| Pilot pressure MPa                       | 0.15 MPa ... 0.8 MPa                                                                 |
| Pilot pressure                           | 1.5 bar ... 8 bar                                                                    |
| Suitability for vacuum                   | no                                                                                   |
| Switching time off                       | 18 ms                                                                                |
| On switching time                        | 11 ms                                                                                |
| Duty cycle                               | 100%                                                                                 |
| Max. positive test pulse with 0 signal   | 700 µs                                                                               |
| Max. negative test pulse on 1 signal     | 900 µs                                                                               |
| 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                                                                    |

| Feature               | Value                                         |
|-----------------------|-----------------------------------------------|
| Cleanroom class       | Class 5 according to ISO 14644-1              |
| Temperature of medium | -5 °C ... 60 °C                               |
| Pilot medium          | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature   | -5 °C ... 60 °C                               |
| Product weight        | 65 g                                          |
| Electrical connection | Via electric pilot valve                      |
| Type of mounting      | On terminal strip                             |
| Pilot interface       | as per ISO 15218                              |
| Note on materials     | RoHS-compliant                                |
| Seals material        | HNBR<br>NBR                                   |
| Housing material      | Wrought aluminum alloy                        |