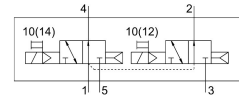
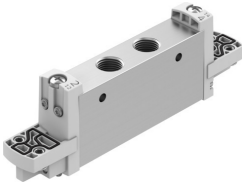


# Air solenoid valve

## VUVG-L14-T32U-A-G18-P1

Part number: 8033524

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 2x3/2, open, monostable  |
| Actuation type                           | Electrical   |
| Valve size                               | 14 mm  |
| Standard nominal flow rate               | 580 l/min...600 l/min  |
| Pneumatic working port                   | G1/8   |
| Operating pressure                       | 0.15 MPa...0.8 MPa<br>1.5 bar...8 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                    | Internal   |
| 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 |

| Feature                          | Value   |
|----------------------------------|---|
| 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   |
| Cleanroom class                  | Class 5 according to ISO 14644-1                                      |
| Temperature of medium            | -5 °C...60 °C   |
| Ambient temperature              | -5 °C...60 °C   |
| Product weight                   | 65 g  |
| Electrical connection            | Via electric pilot valve  |
| Type of mounting                 | On terminal strip<br>With through-hole<br>Optionally:                 |
| Pneumatic connection 1           | G1/8  |
| Pneumatic connection 2           | G1/8  |
| Pneumatic connection 3           | G1/8  |
| Pneumatic connection 4           | G1/8  |
| Pneumatic connection 5           | G1/8  |
| Pilot interface                  | as per ISO 15218  |
| Note on materials                | RoHS-compliant  |
| Seals material                   | HNBR<br>NBR   |
| Housing material                 | Wrought aluminum alloy  |