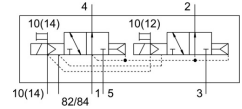


# Air solenoid valve VUVG-B10-T32U-AZT-F-1T1L

FESTO

Part number: 573411



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 2x3/2, open, monostable                                            |
| Actuation type                           | Electrical                                                         |
| Valve size                               | 10 mm                                                              |
| Standard nominal flow rate               | 150 l/min                                                          |
| Pneumatic working port                   | Flange                                                             |
| Operating voltage                        | 24V DC                                                             |
| 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)                                          |
| Degree of protection                     | IP65<br>IP67                                                       |
| Type code                                | VUVG                                                               |
| Exhaust air function                     | With flow control option                                           |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Manual override                          | Detenting<br>Non-detenting                                         |
| Type of control                          | Pilot-controlled                                                   |
| Pilot air supply port                    | External                                                           |
| Symbol                                   | 00992906                                                           |
| Lap                                      | Overlap                                                            |
| Signal status display                    | LED                                                                |
| Pilot pressure MPa                       | 0.15 MPa ... 0.8 MPa                                               |
| Pilot pressure                           | 1.5 bar ... 8 bar                                                  |
| Max. switching frequency                 | 3 Hz                                                               |
| Switching time off                       | 20 ms                                                              |
| On switching time                        | 8 ms                                                               |
| Duty cycle                               | 100%                                                               |
| Max. positive test pulse with 0 signal   | 1600 µs                                                            |
| Max. negative test pulse on 1 signal     | 3000 µs                                                            |
| Coil characteristics                     | 22 V DC: 1.0 W                                                     |
| Permissible voltage fluctuations         | +/- 10 %                                                           |
| 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) |

| Feature                          | Value                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------|
| 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                                                        |
| 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                   | 59 g                                                                                 |
| Electrical connection            | Via sub-base                                                                         |
| Type of mounting                 | On terminal strip                                                                    |
| Note on materials                | RoHS-compliant                                                                       |
| Seals material                   | HNBR<br>NBR                                                                          |
| Housing material                 | Wrought aluminum alloy                                                               |