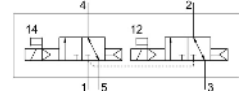


# Air solenoid valve VUVG-LK14-T32C-AT-G18-1R8L-S

FESTO

Part number: 8042566



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 2x3/2, closed, monostable  |
| Actuation type                           | Electrical   |
| Valve size                               | 14 mm  |
| Standard nominal flow rate               | 570 l/min  |
| Pneumatic working port                   | G1/8   |
| Operating voltage                        | 24V DC   |
| Operating pressure                       | 0.15 MPa ... 0.7 MPa   |
| Operating pressure                       | 1.5 bar ... 7 bar  |
| Structural design                        | Piston slide with sealing ring   |
| Reset method                             | Pneumatic spring   |
| Certification                            | c UL us - Recognized (OL)  |
| Certificate issuing authority            | UL MH19482   |
| Degree of protection                     | IP65   |
| 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                    | Internal   |
| Flow direction                           | Non-reversible   |
| Symbol                                   | 00992904   |
| Lap                                      | Overlap  |
| Signal status display                    | LED  |
| Max. switching frequency                 | 2 Hz   |
| Switching time off                       | 20 ms  |
| On switching time                        | 13 ms  |
| Duty cycle                               | 100%   |
| Max. positive test pulse with 0 signal   | 1600 µs  |
| Max. negative test pulse on 1 signal     | 3000 µs  |
| Coil characteristics                     | 24 V DC: 0.8 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)                   |
| Vibration resistance                     | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |

| Feature                          | Value   |
|----------------------------------|---|
| Shock resistance                 | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance class (CRC) | 0 - No corrosion stress   |
| LABS (PWIS) conformity           | VDMA24364 zone III  |
| Temperature of medium            | -5 °C ... 50 °C   |
| Pilot medium                     | Compressed air as per ISO 8573-1:2010 [7:4:4]                         |
| Ambient temperature              | -5 °C ... 50 °C   |
| Product weight                   | 75 g  |
| Electrical connection            | 3-pin<br>M8x1 A-coded as per EN 61076-2-104<br>Plug                   |
| Type of mounting                 | On terminal strip<br>With through-hole                                |
| Pneumatic connection 2           | G1/8  |
| Pneumatic connection 4           | G1/8  |
| Note on materials                | RoHS-compliant  |
| Seals material                   | HNBR<br>NBR   |
| Housing material                 | Wrought aluminum alloy  |