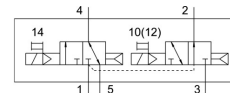
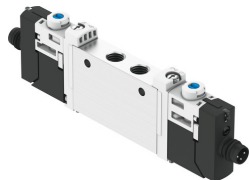


# Solenoid valve VUVG-L10-T32H-AT-M7-1R8L

Part number: 574220

**FESTO**



General operating condition

## Data sheet

| Feature                                | Value                                      |
|----------------------------------------|--------------------------------------------|
| Valve function                         | 2x3/2-way, open/closed, monostable         |
| Type of actuation                      | Electric                                   |
| Valve size                             | 10 mm                                      |
| Standard nominal flow rate             | 170 l/min ... 190 l/min                    |
| pneumatic working port                 | M7                                         |
| Operating voltage                      | 24V DC                                     |
| Operating pressure                     | 0.15 MPa ... 0.8 MPa                       |
| Operating pressure                     | 1.5 bar ... 8 bar                          |
| Design                                 | Piston gate valve                          |
| Type of reset                          | Pneumatic spring                           |
| Approval                               | RCM trademark<br>c UL us - Recognized (OL) |
| Degree of protection                   | IP65<br>With plug socket                   |
| Nominal size                           | 2.7 mm                                     |
| Exhaust-air function                   | With flow control option                   |
| Sealing principle                      | Soft                                       |
| Mounting position                      | optional                                   |
| Manual override                        | Detenting<br>Non-detenting<br>Covered      |
| Type of piloting                       | Pilot actuated                             |
| Pilot air supply                       | Internal                                   |
| Symbol                                 | 00992898                                   |
| lap                                    | Overlap                                    |
| Pilot pressure                         | 0.15 MPa ... 0.8 MPa                       |
| Pilot pressure                         | 1.5 bar ... 8 bar                          |
| Suitability for vacuum                 | no                                         |
| Switching time off                     | 15 ms                                      |
| Switching time on                      | 6 ms                                       |
| Duty cycle                             | 100%                                       |
| Max. positive test pulse with 0 signal | 700 µs                                     |
| Max. negative test pulse with 1 signal | 900 µs                                     |
| Characteristic coil data               | 24 V DC: 1.0 W                             |
| Permissible voltage fluctuations       | +/- 10 %                                   |
| Operating medium                       | Compressed air to ISO 8573-1:2010 [7:4:4]  |

| Feature                                              | Value                                                                                      |
|------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Note on operating and pilot medium                   | Lubricated operation possible (in which case lubricated operation will always be required) |
| Vibration resistance                                 | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6           |
| Restrictions for environmental and media temperature | -5 ... 50° C<br>Without holding current reduction                                          |
| 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                                                                            |
| Ambient temperature                                  | -5 °C ... 60 °C                                                                            |
| Product weight                                       | 55 g                                                                                       |
| Electrical connection                                | Via electrical sub-base                                                                    |
| Type of mounting                                     | Either:<br>On manifold rail<br>With through-hole                                           |
| Pneumatic connection, port 1                         | M7                                                                                         |
| Pneumatic connection, port 2                         | M7                                                                                         |
| Pneumatic connection, port 3                         | M7                                                                                         |
| Pneumatic connection, port 4                         | M7                                                                                         |
| Pneumatic connection, port 5                         | M7                                                                                         |
| Note on materials                                    | RoHS-compliant                                                                             |
| Material seals                                       | HNBR<br>NBR                                                                                |
| Material housing                                     | Wrought aluminium alloy                                                                    |