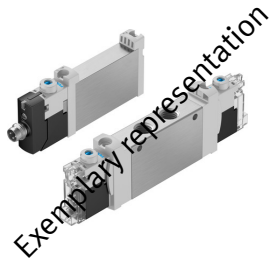


# Solenoid valve VUVG

Part number: 564212

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                 | Value   |
|---|---|
| Valve function                          | 2x3/2-way, monostable, closed<br>2x3/2-way, open, monostable<br>2x3/2-way, open/closed, monostable<br>5/2 double solenoid<br>5/2-way, monostable<br>5/3-way, pressurised<br>5/3 exhausted<br>5/3 closed |
| Type of actuation                       | Electric  |
| Valve size                              | 14 mm   |
| Standard nominal flow rate              | 90 l/min ... 1380 l/min   |
| pneumatic working port                  | Flange<br>M3<br>M5<br>M7<br>G1/8<br>G1/4<br>QS-3<br>QS-4<br>QS-6<br>QS-8<br>QS-10<br>QS-5/32<br>QS-1/8<br>QS-3/16<br>QS-1/4<br>QS-5/16<br>QS-3/8  |
| Operating voltage                       | 12V DC<br>24V DC<br>5V DC   |
| Operating pressure                      | -0.09 MPa ... 1 MPa   |
| Operating pressure                      | -0.9 bar ... 10 bar   |
| Design                                  | Piston gate valve<br>Piston slide with sealing ring   |
| Type of reset                           | Mechanical spring<br>Pneumatic spring   |
| Approval                                | RCM trademark<br>c UL us - Recognized (OL)  |
| CE mark (see declaration of conformity) | To EU EMC Directive<br>To EU Low Voltage Directive<br>In accordance with EU RoHS Directive  |

| Feature  | Value   |
|--|---|
| CE marking (see declaration of conformity)           | To UK instructions for EMC<br>To UK regulations for electrical equipment<br>To UK RoHS instructions |
| Degree of protection                                 | IP40<br>IP65<br>With plug socket  |
| 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                                     | External<br>Internal  |
| lap  | Positive overlap<br>Indefinite overlap  |
| Duty cycle   | 100%  |
| Permissible voltage fluctuations                     | +/- 10 %  |
| Operating medium                                     | Compressed air to ISO 8573-1:2010 [7:4:4]   |
| Note on operating and pilot medium                   | Lubricated operation possible (in which case lubricated operation will always be required)          |
| Restrictions for environmental and media temperature | -5 ... 50° C<br>Without holding current reduction   |
| Corrosion resistance class CRC                       | 0 - No corrosion stress<br>2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L<br>VDMA24364 zone III   |
| Media temperature                                    | -5 °C ... 60 °C   |
| Ambient temperature                                  | -5 °C ... 60 °C   |
| Electrical connection                                | Via electrical sub-base   |
| Type of mounting                                     | Either:<br>On manifold rail<br>With through-hole  |
| Note on materials                                    | RoHS-compliant  |
| Material seals                                       | HNBR<br>NBR   |
| Material housing                                     | Wrought aluminium alloy   |