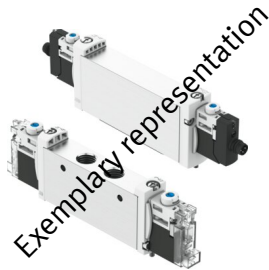


Solenoid valve VUVG

Part number: 564212



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|--|
| Valve function | 2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 5/2-way, double solenoid 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed |
| Type of actuation | Electrical |
| Valve size | 10 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 90 l/min ... 1380 l/min |
| pneumatic working port | Flange M3 M5 M7 G1/8 G1/4 QS-3 QS-4 QS-6 QS-8 QS-10 QS-5/32 QS-1/8 QS-3/16 QS-1/4 QS-5/16 QS-3/8 |
| Operating voltage | 12 V DC 24 V DC 5 V DC |
| Operating pressure | -0.09 MPa ... 1 MPa |
| Operating pressure | -0.9 bar ... 10 bar |
| Design | Piston gate valve Piston slide with sealing ring |
| Type of reset | Mechanical spring Pneumatic spring |
| Approval | RCM c UL us - Recognised (Oil) |
| CE mark (see declaration of conformity) | To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive |

| Feature | Value |
|---|--|
| UKCA marking (see declaration of conformity) | To UK RoHS instructions To UK regulations for electrical equipment |
| Degree of protection | IP40 IP65 With plug socket |
| Exhaust-air function | Can be throttled |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | Detenting Non-detenting Concealed |
| Type of piloting | Piloted |
| Pilot air supply | External Internal |
| lap | Overlap Indeterminate 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 Without holding current reduction |
| Corrosion resistance class CRC | 0 - No corrosion stress 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L VDMA24364 zone III |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Media temperature | -5 °C ... 60 °C |
| Ambient temperature | -5 °C ... 60 °C |
| Electrical connection | Via electrical sub-base |
| Type of mounting | On manifold rail With through-hole |
| Pilot air port 12/14 | M3 M5 |
| Pneumatic connection, port 1 | M3 M5 M7 G1/8 G1/4 |
| Pneumatic connection, port 2 | M3 M5 M7 G1/8 G1/4 |
| Pneumatic connection, port 3 | M3 M5 M7 G1/8 G1/4 |
| Pneumatic connection, port 4 | M3 M5 M7 G1/8 G1/4 |
| Pneumatic connection, port 5 | M3 M5 M7 G1/8 G1/4 |
| Note on materials | RoHS compliant |

| Feature | Value |
|------------------|-------------------------|
| Material seals | HNBR NBR |
| Material housing | Wrought aluminium alloy |