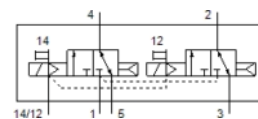
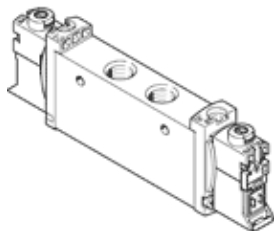


# Solenoid valve

## VUVG-L14-T32C-AZT-G18-1P3

Part number: 566505

**FESTO**



## Data sheet

| Feature                                    | values  |
|--|---|
| Valve function                             | 2x3/2 closed, monostable  |
| Type of actuation                          | electrical  |
| Valve size                                 | 14 mm   |
| Standard nominal flow rate                 | 580 ... 650 l/min   |
| Working pressure                           | 1.5 ... 10 bar  |
| Design structure                           | Piston slide  |
| Type of reset                              | Air spring  |
| Protection class                           | IP40<br>IP65<br>with plug socket  |
| Authorization                              | RCM Mark<br>c CSA us (OL)<br>c UL us - Recognized (OL)                      |
| Nominal size                               | 4.6 mm  |
| Exhaust-air function                       | throttleable  |
| Sealing principle                          | soft  |
| Assembly position                          | Any   |
| Manual override                            | detenting<br>Pushing<br>Covered   |
| Type of piloting                           | Piloted   |
| Pilot air supply                           | external  |
| Note on forced dynamisation                | Switching frequency at least once a week                                    |
| Pilot pressure                             | 1.5 ... 8 bar   |
| Suitability for vacuum                     | No  |
| Switching time off                         | 23 ms   |
| Switching time on                          | 8 ms  |
| Duty cycle                                 | 100%  |
| Characteristic coil data                   | 24 V DC: 1 W<br>24 V DC: low-current phase 0.3 W, high-current phase 1.0 W  |
| Permissible voltage fluctuation            | +/- 10 %  |
| Operating medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further operation) |
| Restriction ambient and medium temperature | -5 - 50 °C<br>Without holding current reduction                             |
| Corrosion resistance classification CRC    | 2   |
| Medium temperature                         | -5 ... 60 °C  |
| Pilot medium                               | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Ambient temperature                        | -5 ... 60 °C  |
| Product weight                             | 89 g  |
| Electrical connection                      | Via electrical connection plate   |
| Mounting type                              | Optional<br>on manifold rail<br>with through hole                           |
| Auxiliary pilot air port 12/14             | M5  |

| Feature                         | values                 |
|---------------------------------|------------------------|
| Pneumatic connection, port 1    | G1/8                   |
| Pneumatic connection, port 2    | G1/8                   |
| Pneumatic connection, port 3    | G1/8                   |
| Pneumatic connection, port 4    | G1/8                   |
| Pneumatic connection, port 5    | G1/8                   |
| Materials note                  | Conforms to RoHS       |
| Materials information for seals | HNBR                   |
|                                 | NBR                    |
| Materials information, housing  | Wrought Aluminum alloy |