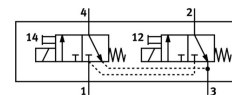
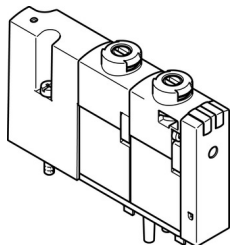


# Solenoid valve VOVC-BT-T32C-MT-F-1T1

Part number: 565450

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                      | Value                                                                                      |
|----------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                               | 2x3/2-way, monostable, closed                                                              |
| Type of actuation                            | Electric                                                                                   |
| Valve size                                   | 10 mm                                                                                      |
| pneumatic working port                       | Sub-base                                                                                   |
| Operating voltage                            | 24V DC                                                                                     |
| Operating pressure                           | 0 MPa ... 0.8 MPa                                                                          |
| Operating pressure                           | 0 bar ... 8 bar                                                                            |
| Operating pressure                           | 0 psi ... 116 psi                                                                          |
| Design                                       | Poppet valve with spring return                                                            |
| Type of reset                                | Mechanical spring                                                                          |
| Degree of protection                         | IP40                                                                                       |
| Approval                                     | c UL us - Recognized (OL)                                                                  |
| Nominal size                                 | 0.65 mm                                                                                    |
| Exhaust-air function                         | Without flow control option                                                                |
| Sealing principle                            | Soft                                                                                       |
| Mounting position                            | optional                                                                                   |
| Manual override                              | Detenting<br>Non-detenting                                                                 |
| Type of piloting                             | Direct                                                                                     |
| Flow direction                               | Non-reversible                                                                             |
| Symbol                                       | 00992266                                                                                   |
| lap                                          | Underlap                                                                                   |
| Signal status display                        | LED                                                                                        |
| b value                                      | 0.24                                                                                       |
| C value                                      | 0.048 l/sbar                                                                               |
| Flow rate of valve                           | 10 l/min                                                                                   |
| Flow rate of pneumatically interlinked valve | 10 l/min                                                                                   |
| Switching time off                           | 4.7 ms                                                                                     |
| Switching time on                            | 5.2 ms                                                                                     |
| Max. positive test pulse with 0 signal       | 600 µs                                                                                     |
| Max. negative test pulse with 1 signal       | 800 µs                                                                                     |
| Characteristic coil data                     | 24 V DC: low-current phase 0.3 W, high-current phase 1.0 W                                 |
| 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) |

| Feature                        | Value                                     |
|--------------------------------|-------------------------------------------|
| Corrosion resistance class CRC | 1 - Low corrosion stress                  |
| LABS (PWIS) conformity         | VDMA24364-B2-L                            |
| Media temperature              | -5 °C ... 50 °C                           |
| Pilot medium                   | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Ambient temperature            | -5 °C ... 50 °C                           |
| Product weight                 | 30 g                                      |
| Electrical connection          | Via sub-base                              |
| Pneumatic connection, port 1   | Sub-base                                  |
| Pneumatic connection, port 2   | Sub-base                                  |
| Pneumatic connection, port 3   | Sub-base                                  |
| Pneumatic connection, port 4   | Sub-base                                  |
| Note on materials              | RoHS-compliant                            |
| Material seals                 | NBR<br>PU                                 |
| Material housing               | PA-reinforced                             |