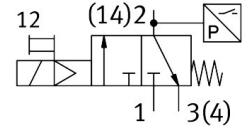
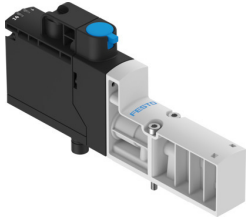


# Solenoid valve

## VSVA-BT-M32CS1-MYE-A2-1T5L-PA

Part number: 8066569

**FESTO**



## Data sheet

| Feature                                               | Value                                                                            |
|-------------------------------------------------------|----------------------------------------------------------------------------------|
| Valve function                                        | 3/2-way, closed, monostable                                                      |
| Type of actuation                                     | Electric                                                                         |
| Construction width                                    | 18 mm                                                                            |
| Standard nominal flow rate (standardised to DIN 1343) | 125 l/min                                                                        |
| Standard nominal flow rate for exhaust                | 125 l/min                                                                        |
| Operating pressure                                    | 0.3 MPa...1 MPa<br>3 bar...10 bar                                                |
| Design                                                | Poppet seat                                                                      |
| Type of reset                                         | Mechanical spring<br>Pneumatic spring                                            |
| Degree of protection                                  | IP65                                                                             |
| Sealing principle                                     | Soft                                                                             |
| Mounting position                                     | optional                                                                         |
| Manual override                                       | Detenting<br>Self-resetting via electrical control signal                        |
| Type of piloting                                      | Pilot actuated                                                                   |
| Pilot air supply                                      | Internal                                                                         |
| Flow direction                                        | Non-reversible                                                                   |
| lap                                                   | Underlap                                                                         |
| Signal status display                                 | Yellow LED, valve control<br>Green LED, pressure switch, exhausted status        |
| Switching position sensing                            | Via pressure switch, exhausted status                                            |
| Duty cycle                                            | 100%                                                                             |
| Max. positive test pulse with 0 signal                | 2000 µs                                                                          |
| Max. negative test pulse with 1 signal                | 1200 µs                                                                          |
| Nominal operating voltage DC                          | 24 V                                                                             |
| Characteristic coil data                              | 24 V DC: 1.6 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 not possible                                                |
| Vibration resistance                                  | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance                                      | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                |

| Feature                                   | Value                                     |
|-------------------------------------------|-------------------------------------------|
| Corrosion resistance class CRC            | 0 - No corrosion stress                   |
| LABS (PWIS) conformity                    | VDMA24364-B1/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                             |
| Mean time to failure (MTTF), subcomponent | 452 years, pressure switch                |
| Product weight                            | 110 g                                     |
| Electrical connection                     | Plug-in                                   |
| Type of mounting                          | On sub-base                               |
| Pneumatic connection, port 2              | G1/8                                      |
| Pneumatic connection, port 4              | G1/8                                      |
| Note on materials                         | RoHS-compliant                            |
| Material seals                            | HNBR<br>NBR                               |
| Material housing                          | PA-reinforced                             |
| Material screws                           | Galvanised steel                          |
| Switching element function                | N/C contact                               |