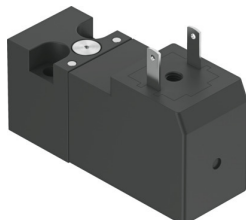


# Solenoid valve

## VSCS-B-M32-MH-WA-1E1-8

Part number: 8137327

**FESTO**



## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                        | 3/2-way, closed, monostable                                                                |
| Type of actuation                                     | Electric                                                                                   |
| Construction width                                    | 15 mm                                                                                      |
| Standard nominal flow rate (standardised to DIN 1343) | 13.5 l/min                                                                                 |
| pneumatic working port                                | Sub-base size 15 mm to ISO 15218                                                           |
| Operating voltage                                     | 24V DC                                                                                     |
| Operating pressure                                    | 0.15 MPa...0.8 MPa<br>1.5 bar...8 bar<br>21.75 psi...116 psi                               |
| Type of reset                                         | Mechanical spring                                                                          |
| Degree of protection                                  | IP65                                                                                       |
| Sealing principle                                     | Soft                                                                                       |
| Mounting position                                     | optional                                                                                   |
| Conforms to standard                                  | ISO 15218                                                                                  |
| Manual override                                       | Non-detenting                                                                              |
| Type of piloting                                      | Direct                                                                                     |
| Flow direction                                        | Non-reversible                                                                             |
| lap                                                   | Underlap                                                                                   |
| Note on forced dynamization                           | Switching frequency min. 1/week                                                            |
| Switching time off                                    | 6 ms                                                                                       |
| Switching time on                                     | 8 ms                                                                                       |
| Duty cycle                                            | 100%                                                                                       |
| Characteristic coil data                              | 24 V DC: 1.3 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) |
| Vibration resistance                                  | Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6           |
| Shock resistance                                      | Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27                          |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                | VDMA24364-C1-L                                                                             |

| Feature                      | Value                                            |
|------------------------------|--------------------------------------------------|
| Media temperature            | -5 °C...50 °C                                    |
| Ambient temperature          | -5 °C...50 °C                                    |
| Electrical connection        | Plug pattern type C to industry standard, 9.4 mm |
| Pneumatic connection, port 1 | Sub-base                                         |
| Pneumatic connection, port 2 | Sub-base                                         |
| Pneumatic connection, port 3 | Sub-base                                         |
| Note on materials            | RoHS-compliant                                   |
| Material seals               | NBR                                              |