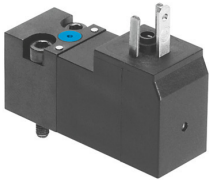


# Solenoid valve VSCS-B-M32-MD-WA-5C1-8

Part number: 8040571

FESTO



 General operating condition

## 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                                     | 12V DC                                                                                     |
| Operating pressure                                    | 0.15 MPa ... 0.8 MPa                                                                       |
| Operating pressure                                    | 1.5 bar ... 8 bar                                                                          |
| Operating pressure                                    | 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                                       | Detenting<br>Non-detenting                                                                 |
| Type of piloting                                      | Direct                                                                                     |
| Flow direction                                        | Non-reversible                                                                             |
| Symbol                                                | 00991308                                                                                   |
| 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                              | 12 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                                                                             |
| Media temperature                                     | -5 °C ... 50 °C                                                                            |
| Ambient temperature                                   | -5 °C ... 50 °C                                                                            |

| Feature                      | Value                          |
|------------------------------|--------------------------------|
| Electrical connection        | Type C<br>To DIN EN 175301-803 |
| 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                            |