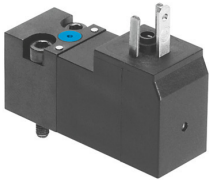


# Solenoid valve VSCS-B-M32-MD-WA-2AC1

Part number: 571064

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) | 18 l/min                                                                                   |
| pneumatic working port                                | Sub-base size 15 mm to ISO 15218                                                           |
| Operating voltage                                     | 110V AC                                                                                    |
| Operating pressure                                    | 0 MPa ... 1 MPa                                                                            |
| Operating pressure                                    | 0 bar ... 10 bar                                                                           |
| Operating pressure                                    | 0 psi ... 145 psi                                                                          |
| Type of reset                                         | Mechanical spring                                                                          |
| CE mark (see declaration of conformity)               | To EU Low Voltage Directive                                                                |
| UKCA marking (see declaration of conformity)          | To UK regulations for electrical equipment                                                 |
| 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                                     | 6 ms                                                                                       |
| Duty cycle                                            | 100%                                                                                       |
| Characteristic coil data                              | 110 V AC: 50/60 Hz, pick-up power 2.9 VA, holding power 2.1 VA                             |
| Permissible voltage fluctuations                      | -15%/+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 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                          |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                | VDMA24364-C1-L                                                                             |

| Feature                      | Value                          |
|------------------------------|--------------------------------|
| Media temperature            | -10 °C ... 50 °C               |
| Ambient temperature          | -10 °C ... 50 °C               |
| 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                            |