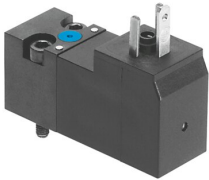


# Air solenoid valve VSCS-B-M32-MD-WA-3AC1-8

Part number: 8040574

**FESTO**



[General operating condition](#)

## Data sheet

| Feature                                      | Value                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------------|
| Valve function                               | 3/2, closed, monostable                                                              |
| Actuation type                               | Electrical                                                                           |
| Width                                        | 15 mm                                                                                |
| Standard nominal flow rate                   | 13.5 l/min                                                                           |
| Pneumatic working port                       | Sub-base, size 15 mm according to ISO 15218                                          |
| Operating voltage                            | 230V AC                                                                              |
| Operating pressure                           | 0.15 MPa ... 0.8 MPa                                                                 |
| Operating pressure                           | 1.5 bar ... 8 bar                                                                    |
| Operating pressure                           | 21.75 psi ... 116 psi                                                                |
| Reset method                                 | Mechanical spring                                                                    |
| CE marking (see declaration of conformity)   | As per EU low voltage directive                                                      |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment                                          |
| Degree of protection                         | IP65                                                                                 |
| Sealing principle                            | Soft                                                                                 |
| Mounting position                            | Any                                                                                  |
| Conforms to standard                         | ISO 15218                                                                            |
| Manual override                              | Detenting<br>Non-detenting                                                           |
| Type of control                              | Direct                                                                               |
| Flow direction                               | Non-reversible                                                                       |
| Symbol                                       | 00991308                                                                             |
| Lap                                          | Underlap                                                                             |
| Note on forced dynamization                  | Switching frequency at least once a week                                             |
| Switching time off                           | 35 ms                                                                                |
| On switching time                            | 8 ms                                                                                 |
| Duty cycle                                   | 100%                                                                                 |
| Coil characteristics                         | 230 V AC: 50/60 Hz, initial power 1.9 VA, holding power 1.3 VA                       |
| Permissible voltage fluctuations             | +/- 10 %                                                                             |
| Operating medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]                                        |
| Information on operating and pilot media     | Operation with oil lubrication possible (required for further use)                   |
| Vibration resistance                         | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance                             | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress                                                        |
| LABS (PWIS) conformity                       | VDMA24364-C1-L                                                                       |
| Temperature of medium                        | -5 °C ... 50 °C                                                                      |

| Feature                | Value                              |
|------------------------|------------------------------------|
| Ambient temperature    | -5 °C ... 50 °C                    |
| Electrical connection  | Form C<br>as per DIN EN 175301-803 |
| Pneumatic connection 1 | Sub-base                           |
| Pneumatic connection 2 | Sub-base                           |
| Pneumatic connection 3 | Sub-base                           |
| Note on materials      | RoHS-compliant                     |
| Seals material         | NBR                                |