

# Air solenoid valve VSCS-B-M32-MD-WA-1R3

Part number: 573215

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                    | 3/2-way, closed, monostable  |
| Actuation type                                    | Electrical   |
| Width   | 15 mm  |
| Normal nominal flow rate (normalized to DIN 1343) | 18 l/min   |
| Pneumatic working port                            | Sub-base, size 15 mm according to ISO 15218  |
| Operating voltage                                 | 24V DC   |
| Operating pressure                                | 0 MPa ... 1 MPa  |
| Operating pressure                                | 0 bar ... 10 bar   |
| Operating pressure                                | 0 psi ... 145 psi  |
| Reset method                                      | Mechanical spring  |
| Certification                                     | c UL us - recognized (OL)  |
| Degree of protection                              | IP65   |
| Sealing principle                                 | Soft   |
| Mounting position                                 | Any  |
| Conforms to standard                              | ISO 15218  |
| Manual override                                   | Detenting<br>Non-detenting   |
| Type of control                                   | directly   |
| Flow direction                                    | Non-reversible   |
| Symbol  | 00991308   |
| Lap   | Negative overlap   |
| Note on forced dynamization                       | Switching frequency at least once a week   |
| Switching time off                                | 6 ms   |
| On switching time                                 | 6 ms   |
| Duty cycle  | 100%   |
| Max. positive test pulse with 0 signal            | 1800 µs  |
| Max. negative test pulse on 1 signal              | 800 µs   |
| Coil characteristics                              | 24 V DC: 1.8 W   |
| Permissible voltage fluctuations                  | -15% / +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 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance                                  | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                            | VDMA24364-C1-L   |

| <b>Feature</b>         | <b>Value</b>                    |
|------------------------|---------------------------------|
| Temperature of medium  | -10 °C ... 50 °C                |
| Ambient temperature    | -10 °C ... 50 °C                |
| Electrical connection  | M12x1<br>As per IEC 61076-2-101 |
| Pneumatic connection 1 | Sub-base                        |
| Pneumatic connection 2 | Sub-base                        |
| Pneumatic connection 3 | Sub-base                        |
| Note on materials      | RoHS compliant                  |
| Seals material         | NBR                             |