

# Solenoid valve VSCS-B-M32C-MH-WB-F8

Part number: 8028539

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                |
|---------------------------------------------------|--------------------------------------------------------------------------------------|
| Valve function                                    | 3/2-way, closed, monostable                                                          |
| Actuation type                                    | Electrical                                                                           |
| Width                                             | 30 mm                                                                                |
| Normal nominal flow rate (normalized to DIN 1343) | 34 l/min                                                                             |
| Pneumatic working port                            | Sub-base, size 30 mm as per ISO 15218                                                |
| Operating pressure                                | 0.2 MPa...1 MPa<br>2 bar...10 bar<br>29 psi...145 psi                                |
| Structural design                                 | Sub-base valve                                                                       |
| Reset method                                      | Mechanical spring                                                                    |
| Degree of protection                              | IP65                                                                                 |
| Sealing principle                                 | Soft                                                                                 |
| Mounting position                                 | Any                                                                                  |
| Conforms to standard                              | ISO 15218                                                                            |
| Manual override                                   | Non-detenting                                                                        |
| Type of control                                   | directly                                                                             |
| Flow direction                                    | Non-reversible                                                                       |
| Lap                                               | Negative overlap                                                                     |
| Note on forced dynamization                       | Switching frequency at least once a week                                             |
| Max. switching frequency                          | 5 Hz                                                                                 |
| Switching time off                                | 8 ms                                                                                 |
| On switching time                                 | 8 ms                                                                                 |
| Duty cycle                                        | 100%                                                                                 |
| Max. positive test pulse with 0 signal            | 3 ms                                                                                 |
| Max. negative test pulse on 1 signal              | 3.4 ms                                                                               |
| 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)                  | 1 - Low corrosion stress                                                             |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                    |

| Feature               | Value          |
|-----------------------|----------------|
| Temperature of medium | -10 °C...50 °C |
| Ambient temperature   | -10 °C...50 °C |
| Type of mounting      | CNOMO          |
| Note on materials     | RoHS compliant |
| Seals material        | NBR            |