

# Solenoid valve VSCS-B-M32-MH-WA-3AC1

Part number: 546260

FESTO



## Data sheet

| Feature                                    | Value  |
|--|--|
| Valve function                             | 3/2-way, closed, monostable  |
| Type of actuation                          | Electric   |
| Construction width                         | 15 mm  |
| Standard nominal flow rate                 | 18 l/min   |
| pneumatic working port                     | Sub-base size 15 mm to ISO 15218   |
| Operating voltage                          | 230V AC  |
| Operating pressure                         | 0 MPa...1 MPa<br>0 bar...10 bar<br>0 psi...145 psi   |
| Type of reset                              | Mechanical spring  |
| CE mark (see declaration of conformity)    | To EU Low Voltage Directive  |
| CE 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                            | Non-detenting  |
| Type of piloting                           | Direct   |
| Flow direction                             | Non-reversible   |
| 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                   | 230 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                          |

| <b>Feature</b>                 | <b>Value</b>                   |
|--------------------------------|--------------------------------|
| Corrosion resistance class CRC | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity         | VDMA24364-C1-L                 |
| 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                            |