

# Air solenoid valve

## VZWF-B-L-M22C-G1-275-V-2AP4-6-R1

FESTO

Part number: 1492250



[PDF](#) General operating condition

## Data sheet

| Feature                          | Value   |
|----------------------------------|---|
| Structural design                | Diaphragm valve<br>Force pilot operated   |
| Actuation type                   | Electrical  |
| Sealing principle                | Soft  |
| Mounting position                | Magnet, upright   |
| Type of mounting                 | In-line installation  |
| Fitting connection               | G1  |
| Electrical connection            | Plug<br>As per EN 175301-803<br>Rectangular design  |
| Nominal width                    | 27.5 mm   |
| Valve function                   | 2/2-way, closed, monostable   |
| Manual override                  | None  |
| Flow direction                   | Non-reversible  |
| Medium                           | Compressed air as per ISO 8573-1:2010 [7::-]<br>Inert gas<br>Mineral oil<br>Water<br>Neutral liquids<br>Other flow media on request |
| Nominal pressure of fitting PN   | 40  |
| Pressure difference              | 0 MPa   |
| Differential pressure            | 0 bar   |
| Pressure difference              | 0 psi   |
| Coil characteristics             | 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA  |
| Permissible voltage fluctuations | +/- 10%   |
| Symbol                           | 00992976  |
| Medium pressure                  | 0 MPa ... 0.6 MPa   |
| Medium pressure                  | 0 bar ... 6 bar   |
| Medium pressure                  | 0 psi ... 87 psi  |
| Max. viscosity                   | 22 mm <sup>2</sup> /s   |
| Temperature of medium            | -10 °C ... 80 °C  |

| <b>Feature</b>                                    | <b>Value</b>                                |
|---|---|
| Ambient temperature                               | -10 °C ... 35 °C                            |
| Leak rate to EN 12266-1                           | A   |
| Flow rate Kv                                      | 11 m <sup>3</sup> /h                        |
| Normal nominal flow rate (normalized to DIN 1343) | 11750 l/min                                 |
| On switching time                                 | 275 ms                                      |
| Switching time off                                | 290 ms                                      |
| Note on materials                                 | RoHS compliant                              |
| LABS (PWIS) conformity                            | VDMA24364 Zone III                          |
| Housing material                                  | Cast stainless steel                        |
| Material number of housing                        | 1,4581                                      |
| Seals material                                    | FPM   |
| Material of screws                                | high-alloy stainless steel                  |
| Material number of screw                          | 1,4301                                      |
| Product weight                                    | 1500 g                                      |
| 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  |
| Corrosion resistance class (CRC)                  | 3 - High corrosion stress                   |