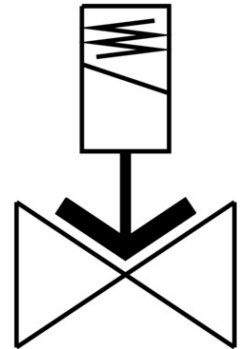


# Air solenoid valve

## VZWF-B-L-M22C-N1-275-V-1P4-6-R1

Part number: 1492202

FESTO



## Data sheet

| Feature                          | Value                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Type code                        | VZWF                                                                                                                                 |
| Structural design                | Diaphragm valve<br>Force pilot operated                                                                                              |
| Actuation type                   | Electrical                                                                                                                           |
| Sealing principle                | Soft                                                                                                                                 |
| Mounting position                | Magnet, upright                                                                                                                      |
| Type of mounting                 | Line installation                                                                                                                    |
| Fitting connection               | 1 NPT                                                                                                                                |
| Electrical connection            | Form A<br>Plug<br>as per EN 175301-803<br>Rectangular design                                                                         |
| Nominal width                    | 27.5 mm                                                                                                                              |
| Valve function                   | 2/2, 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                                                                                                                                   |
| Differential pressure            | 0 bar                                                                                                                                |
| Coil characteristics             | 24 V DC: 11.0 W                                                                                                                      |
| Permissible voltage fluctuations | +/- 10 %                                                                                                                             |
| Symbol                           | 00992976                                                                                                                             |
| Medium pressure                  | 0 bar ... 6 bar                                                                                                                      |
| Max. viscosity                   | 22 mm <sup>2</sup> /s                                                                                                                |
| Temperature of medium            | -10 °C ... 80 °C                                                                                                                     |
| Ambient temperature              | -10 °C ... 35 °C                                                                                                                     |
| Leak rate to EN 12266-1          | A                                                                                                                                    |
| Flow rate Kv                     | 11 m <sup>3</sup> /h                                                                                                                 |

| Feature                          | Value                                                          |
|----------------------------------|----------------------------------------------------------------|
| Standard nominal flow rate       | 11750 l/min                                                    |
| On switching time                | 275 ms                                                         |
| Switching time off               | 290 ms                                                         |
| Note on materials                | Contains paint-wetting impairment substances<br>RoHS-compliant |
| 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                                                         |
| Degree of protection             | IP65                                                           |
| Corrosion resistance class (CRC) | 3 - High corrosion stress                                      |