

# Air solenoid valve

## VZWF-B-L-M22C-N34-275-2AP4-6-R1

FESTO

Part number: 1492265



 [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               | 3/4 NPT  |
| 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                                      | 7.5 m <sup>3</sup> /h   |
| Normal nominal flow rate (normalized to DIN 1343) | 8020 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                                    | NBR   |
| 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 pressure equipment directive<br>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   |