

# Solenoid valve

## VZWF-L-M22C-G114-400-E-1P4-10

FESTO

Part number: 1492131



[PDF](#) General operating condition

## Data sheet

| Feature                          | Value  |
|----------------------------------|--|
| Design                           | Diaphragm valve<br>Force pilot operated  |
| Type of actuation                | Electric   |
| Sealing principle                | Soft   |
| Mounting position                | Solenoid vertical  |
| Type of mounting                 | In-line installation   |
| Connection Process valve         | G1 1/4   |
| Electrical connection            | Plugs<br>To EN 175301-803<br>Square design   |
| Nominal size                     | 40 mm  |
| Valve function                   | 2/2-way, closed, monostable  |
| Manual override                  | None   |
| Flow direction                   | Non-reversible   |
| Medium                           | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Inert gases<br>Mineral oil<br>Water<br>Neutral fluids<br>Other media on request |
| Nominal pressure PN              | 40   |
| Pressure difference              | 0 MPa  |
| Pressure difference              | 0 bar  |
| Pressure difference              | 0 psi  |
| Characteristic coil data         | 24 V DC: 30.0 W  |
| Permissible voltage fluctuations | +/- 10 %   |
| Symbol                           | 00992976   |
| Medium pressure                  | 0 MPa ... 1 MPa  |
| Medium pressure                  | 0 bar ... 10 bar   |
| Medium pressure                  | 0 psi ... 145 psi  |
| Max. viscosity                   | 22 mm <sup>2</sup> /s  |
| Media temperature                | -10 °C ... 80 °C   |

| <b>Feature</b>  | <b>Value</b>                                       |
|---|--|
| Ambient temperature                                   | -10 °C ... 35 °C                                   |
| Leakage rate to EN 12266-1                            | A  |
| Flow rate Kv  | 20 m³/h  |
| Standard nominal flow rate (standardised to DIN 1343) | 21370 l/min  |
| Switching time on                                     | 620 ms   |
| Switching time off                                    | 1140 ms  |
| Note on materials                                     | RoHS-compliant                                     |
| LABS (PWIS) conformity                                | VDMA24364 zone III                                 |
| Material housing                                      | Cast brass   |
| Material number housing                               | CW617N   |
| Material seals  | EPDM   |
| Material screws                                       | High-alloy stainless steel                         |
| Material number screw                                 | 1.4301   |
| Product weight  | 4500 g   |
| CE mark (see declaration of conformity)               | In accordance with EU Pressure Equipment Directive |
| Degree of protection                                  | IP65   |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress                           |