

# Solenoid valve VZWF-B-L-M22C-N14-135-2AP4-10

Part number: 1492254

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                          | Value                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Design                           | Force pilot operated                                                                                                         |
| Type of actuation                | Electric                                                                                                                     |
| Sealing principle                | Soft                                                                                                                         |
| Mounting position                | Solenoid vertical                                                                                                            |
| Type of mounting                 | In-line installation                                                                                                         |
| Connection Process valve         | 1/4 NPT                                                                                                                      |
| Electrical connection            | Type A<br>Plugs<br>To EN 175301-803<br>Square design                                                                         |
| Nominal size                     | 13.5 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         | 110 V AC: 50/60 Hz, pick-up power 19.0 VA, holding power 16.0 VA                                                             |
| 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                                                                                                             |

| Feature                                               | Value                                                                              |
|-------------------------------------------------------|------------------------------------------------------------------------------------|
| Ambient temperature                                   | -10 °C ... 35 °C                                                                   |
| Leakage rate to EN 12266-1                            | A                                                                                  |
| Flow rate Kv                                          | 1.8 m³/h                                                                           |
| Standard nominal flow rate (standardised to DIN 1343) | 1920 l/min                                                                         |
| Switching time on                                     | 130 ms                                                                             |
| Switching time off                                    | 180 ms                                                                             |
| Note on materials                                     | RoHS-compliant                                                                     |
| LABS (PWIS) conformity                                | VDMA24364 zone III                                                                 |
| Material housing                                      | Cast brass                                                                         |
| Material number housing                               | CW617N                                                                             |
| Material seals                                        | NBR                                                                                |
| Material screws                                       | High-alloy stainless steel                                                         |
| Material number screw                                 | 1.4301                                                                             |
| Product weight                                        | 1000 g                                                                             |
| CE mark (see declaration of conformity)               | In accordance with EU Pressure Equipment Directive<br>To EU Low Voltage Directive  |
| UKCA marking (see declaration of conformity)          | to UK Pressure Equipment Regulations<br>To UK regulations for electrical equipment |
| Degree of protection                                  | IP65                                                                               |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress                                                           |