

# Solenoid valve

## VZWF-B-L-M22C-G14-135-1P4-10

Part number: 1492110

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                          | Value  |
|----------------------------------|--|
| Design                           | Diaphragm valve<br>Force pilot operated  |
| Type of actuation                | Electrical   |
| Sealing principle                | Soft   |
| Mounting position                | Magnet upright   |
| Type of mounting                 | Inline installation  |
| Connection Process valve         | G1/4   |
| Electrical connection            | Plug<br>To EN 175301-803<br>Square design  |
| Nominal size                     | 13.5 mm  |
| Valve function                   | 2/2-way, single solenoid, closed   |
| 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: 11.0 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   |

| 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                     |
| Degree of protection                                  | IP65                       |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress   |