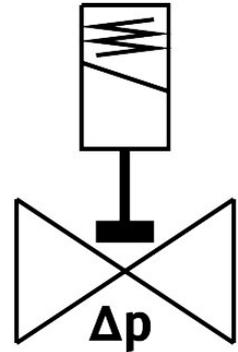


# Solenoid valve

## VZWP-L-M22C-N38-130-V-2AP4-40

FESTO

Part number: 1489986



## Data sheet

| Feature                          | Value  |
|----------------------------------|--|
| Design                           | Piloted piston poppet valve  |
| Type of actuation                | Electric   |
| Sealing principle                | Soft   |
| Mounting position                | Coil on top (preferred)  |
| Type of mounting                 | In-line installation   |
| Connection Process valve         | 3/8 NPT  |
| Electrical connection            | Type A<br>Plugs<br>To EN 175301-803<br>Square design   |
| Nominal size                     | 13 mm  |
| Valve function                   | 2/2-way, closed, monostable  |
| Manual override                  | None   |
| Flow direction                   | Non-reversible   |
| Medium                           | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases<br>Neutral fluids<br>Other media on request |
| Nominal pressure PN              | 40   |
| Pressure difference              | 0.05 MPa<br>0.5 bar<br>7.25 psi  |
| Characteristic coil data         | 110 V AC: 50/60 Hz, pick-up power 10.5 VA, holding power 8.0 VA                                      |
| Insulation material class        | H  |
| Permissible voltage fluctuations | +/- 10 %   |
| Duty cycle                       | 100%   |
| Type of piloting                 | Pilot actuated   |

| Feature   | Value  |
|---|--|
| Medium pressure                                       | 0.05 MPa...4 MPa<br>0.5 bar...40 bar<br>7.25 psi...580 psi |
| Max. viscosity  | 22 mm <sup>2</sup> /s                                      |
| Media temperature                                     | -10 °C...80 °C   |
| Ambient temperature                                   | -10 °C...35 °C   |
| Leakage rate to EN 12266-1                            | A  |
| Flow rate Kv  | 2 m <sup>3</sup> /h  |
| Standard nominal flow rate (standardised to DIN 1343) | 2100 l/min   |
| Switching time on                                     | 100 ms   |
| Switching time off                                    | 250 ms   |
| Note on materials                                     | RoHS-compliant   |
| LABS (PWIS) conformity                                | VDMA24364 zone III   |
| Material housing                                      | Cast brass   |
| Material number housing                               | CW617N   |
| Material seals  | FPM  |
| Material screws                                       | High-alloy stainless steel                                 |
| Material number screw                                 | 1.4301   |
| Product weight  | 575 g  |
| CE mark (see declaration of conformity)               | To EU Low Voltage Directive                                |
| UKCA marking (see declaration of conformity)          | To UK regulations for electrical equipment                 |
| Degree of protection                                  | IP65   |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress                                   |