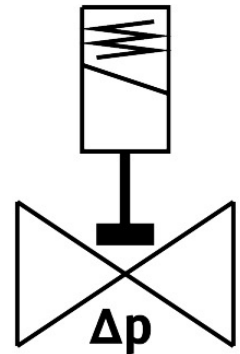


# Solenoid valve VZWP-L-M22C-N14-130-V-2AP4-40

Part number: 1489985

FESTO



 General operating condition

## 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         | 1/4 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                                                                                             |
| Pressure difference              | 0.5 bar                                                                                              |
| Pressure difference              | 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                                                                                       |
| Symbol                           | 00992974                                                                                             |
| Medium pressure                  | 0.05 MPa ... 4 MPa                                                                                   |
| Medium pressure                  | 0.5 bar ... 40 bar                                                                                   |
| Medium pressure                  | 7.25 psi ... 580 psi                                                                                 |

| Feature                                               | Value                                      |
|-------------------------------------------------------|--------------------------------------------|
| 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                                          | 1.5 m <sup>3</sup> /h                      |
| Standard nominal flow rate (standardised to DIN 1343) | 1600 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                                        | 600 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                   |