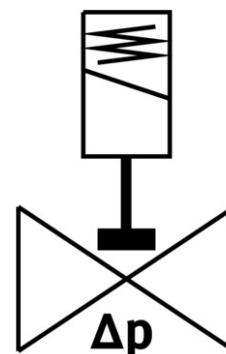


# Solenoid valve VZWP-L-M22C-N14-130-V-1P4-40

Part number: 1489975

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         | 24 V DC: 6.8 W                                                                                       |
| 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     | 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                      |
| Degree of protection           | IP65                       |
| Corrosion resistance class CRC | 1 - Low corrosion stress   |