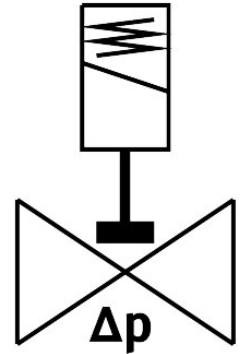


# Air solenoid valve VZWP-L-M22C-N38-130-V-1P4-40

Part number: 1489976

FESTO



 General operating condition

## Data sheet

| Feature                          | Value                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Structural design                | Pilot-controlled piston poppet valve                                                                         |
| Actuation type                   | Electrical                                                                                                   |
| Sealing principle                | Soft                                                                                                         |
| Mounting position                | Coil preferably on top                                                                                       |
| Type of mounting                 | Line installation                                                                                            |
| Fitting connection               | 3/8 NPT                                                                                                      |
| Electrical connection            | Form A<br>Plug<br>as per EN 175301-803<br>Rectangular design                                                 |
| Nominal width                    | 13 mm                                                                                                        |
| Valve function                   | 2/2, closed, monostable                                                                                      |
| Manual override                  | None                                                                                                         |
| Flow direction                   | Non-reversible                                                                                               |
| Medium                           | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas<br>Neutral liquids<br>Other flow media on request |
| Nominal pressure of fitting PN   | 40                                                                                                           |
| Pressure difference              | 0.05 MPa                                                                                                     |
| Differential pressure            | 0.5 bar                                                                                                      |
| Pressure difference              | 7.25 psi                                                                                                     |
| Coil characteristics             | 24 V DC: 6.8 W                                                                                               |
| Insulation class                 | H                                                                                                            |
| Permissible voltage fluctuations | +/- 10 %                                                                                                     |
| Duty cycle                       | 100%                                                                                                         |
| Type of control                  | Pilot-controlled                                                                                             |
| 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      |
| Temperature of medium            | -10 °C ... 80 °C           |
| Ambient temperature              | -10 °C ... 35 °C           |
| Leak rate to EN 12266-1          | A                          |
| Flow rate Kv                     | 2 m <sup>3</sup> /h        |
| Standard nominal flow rate       | 2100 l/min                 |
| On switching time                | 100 ms                     |
| Switching time off               | 250 ms                     |
| Note on materials                | RoHS-compliant             |
| LABS (PWIS) conformity           | VDMA24364 zone III         |
| Housing material                 | Cast brass                 |
| Material number of housing       | CW617N                     |
| Seals material                   | FPM                        |
| Material of screws               | High-alloy stainless steel |
| Material number of screw         | 1.4301                     |
| Product weight                   | 575 g                      |
| Degree of protection             | IP65                       |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress   |