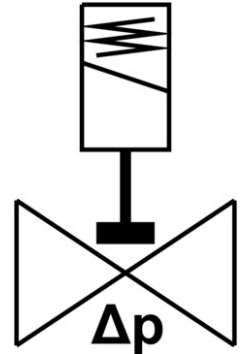


# Air solenoid valve VZWP-L-M22C-N1-250-V-2AP4-40

Part number: 1489989

**FESTO**



## Data sheet

| Feature                          | Value                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Type code                        | VZWP                                                                                                         |
| 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               | 1 NPT                                                                                                        |
| Electrical connection            | Form A<br>Plug<br>as per EN 175301-803<br>Rectangular design                                                 |
| Nominal width                    | 25 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                                                                                                           |
| Differential pressure            | 0.5 bar                                                                                                      |
| Coil characteristics             | 110 V AC: 50/60 Hz, initial power 10.5 VA, holding power 8.0 VA                                              |
| Insulation class                 | H                                                                                                            |
| Permissible voltage fluctuations | +/- 10 %                                                                                                     |
| Duty cycle                       | 100%                                                                                                         |
| Type of control                  | Pilot-controlled                                                                                             |
| Symbol                           | 00992974                                                                                                     |
| Medium pressure                  | 0.5 bar ... 40 bar                                                                                           |
| 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                                                                                                            |

| Feature                                    | Value                                                          |
|--------------------------------------------|----------------------------------------------------------------|
| Flow rate Kv                               | 11.5 m <sup>3</sup> /h                                         |
| Standard nominal flow rate                 | 12250 l/min                                                    |
| On switching time                          | 130 ms                                                         |
| Switching time off                         | 300 ms                                                         |
| Note on materials                          | Contains paint-wetting impairment substances<br>RoHS-compliant |
| 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                             | 1400 g                                                         |
| Degree of protection                       | IP65                                                           |
| CE marking (see declaration of conformity) | As per EU low voltage directive                                |
| Corrosion resistance class (CRC)           | 1 - Low corrosion stress                                       |