

# Solenoid valve

## VZWF-L-M22C-N2-500-V-3AP4-6

Part number: 1492389

FESTO

force pilot operated, NPT2" connection.



## Data sheet

| Feature                                 | Value   |
|---|---|
| Design structure                        | Diaphragm valve<br>forced   |
| Type of actuation                       | electrical  |
| Sealing principle                       | soft  |
| Assembly position                       | Magnet standing   |
| Mounting type                           | Line installation   |
| Process valve connection                | 2 NPT   |
| Electrical connection                   | Plug pattern type A to EN 175301-803<br>Plug<br>to EN 175301-803<br>Cubic design  |
| Nominal size                            | 50 mm   |
| Valve function                          | 2/2 closed, monostable  |
| Manual override                         | None  |
| Flow direction                          | non reversible  |
| Medium                                  | Compressed air in accordance with ISO8573-1:2010 [7:-:-]<br>Inert gases<br>Mineral oil<br>Water<br>Neutral fluids<br>Other media on request |
| Nominal pressure of process valve       | 40  |
| Differential pressure (MPa)             | 0 MPa   |
| Differential pressure                   | 0 bar   |
| Differential pressure (psi)             | 0 psi   |
| Characteristic coil data                | 230 V AC: 50/60 Hz, pick-up power 30 VA, holding power 30 VA  |
| Permissible voltage fluctuation         | +/- 10 %  |
| Pressure of medium                      | 0 ... 0.6 MPa   |
| Medium pressure                         | 0 ... 6 bar   |
| Pressure of medium psi                  | 0 ... 87 psi  |
| Max. viscosity                          | 22 mm <sup>2</sup> /s   |
| Medium temperature                      | -10 ... 80 °C   |
| Ambient temperature                     | -10 ... 35 °C   |
| Leak rate in accordance with EN 12266-1 | A   |
| Flow rate Kv                            | 28 m <sup>3</sup> /h  |
| Standard nominal flow rate              | 29,900 l/min  |
| Switching time on                       | 1,220 ms  |
| Switching time off                      | 2,140 ms  |
| Materials note                          | Conforms to RoHS  |
| PWIS conformity                         | VDMA24364 zone III  |
| Material housing                        | Cast brass  |
| Material number for housing             | CW617N  |
| Material seals                          | FPM   |
| Material screws                         | High alloy steel, non-corrosive   |

| <b>Feature</b>                               | <b>Value</b>   |
|--|--|
| Material number, screw                       | 1.4301   |
| Product weight                               | 6,500 g  |
| CE symbol (see declaration of conformity)    | according to EU printing device guideline<br>according to EU low voltage guideline |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment  |
| Protection class                             | IP65   |
| Corrosion resistance classification CRC      | 1 - Low corrosion stress   |