

Solenoid valve

VZWF-L-M22C-N114-400-1P4-10

Part number: 1492163

FESTO

force pilot operated, NPT1 1/4" connection.



Data sheet

| Feature | Value |
|---|---|
| Design structure | Diaphragm valve forced |
| Type of actuation | electrical |
| Sealing principle | soft |
| Assembly position | Magnet standing |
| Mounting type | Line installation |
| Process valve connection | 1 1/4 NPT |
| Electrical connection | Plug pattern type A to EN 175301-803 Plug to EN 175301-803 Cubic design |
| Nominal size | 40 mm |
| Valve function | 2/2 closed, monostable |
| Manual override | None |
| Flow direction | non reversible |
| Medium | Compressed air in accordance with ISO8573-1:2010 [7:-:-] Inert gases Mineral oil Water Neutral fluids 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 | 24 V DC: 30 W |
| Permissible voltage fluctuation | +/- 10 % |
| Pressure of medium | 0 ... 1 MPa |
| Medium pressure | 0 ... 10 bar |
| Pressure of medium psi | 0 ... 145 psi |
| Max. viscosity | 22 mm ² /s |
| Medium temperature | -10 ... 80 °C |
| Ambient temperature | -10 ... 35 °C |
| Leak rate in accordance with EN 12266-1 | A |
| Flow rate Kv | 20 m ³ /h |
| Standard nominal flow rate | 21,370 l/min |
| Switching time on | 620 ms |
| Switching time off | 1,140 ms |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material housing | Cast brass |
| Material number for housing | CW617N |
| Material seals | NBR |
| Material screws | High alloy steel, non-corrosive |

| Feature | Value |
|---|---|
| Material number, screw | 1.4301 |
| Product weight | 4,500 g |
| CE symbol (see declaration of conformity) | according to EU printing device guideline |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |