

Air solenoid valve

VZWF-L-M22C-N114-400-1P4-10-R1

Part number: 1492171

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|----------------------------------|---|
| Structural design | Diaphragm valve Force pilot operated |
| Actuation type | Electrical |
| Sealing principle | Soft |
| Mounting position | Magnet, upright |
| Type of mounting | In-line installation |
| Fitting connection | 1 1/4 NPT |
| Electrical connection | Plug As per EN 175301-803 Rectangular design |
| Nominal width | 40 mm |
| Valve function | 2/2-way, closed, monostable |
| Manual override | None |
| Flow direction | Non-reversible |
| Medium | Compressed air as per ISO 8573-1:2010 [7::-] Inert gas Mineral oil Water Neutral liquids Other flow media on request |
| Nominal pressure of fitting PN | 40 |
| Pressure difference | 0 MPa |
| Differential pressure | 0 bar |
| Pressure difference | 0 psi |
| Coil characteristics | 24 V DC: 30.0 W |
| Permissible voltage fluctuations | +/- 10% |
| Symbol | 00992976 |
| Medium pressure | 0 MPa ... 1 MPa |
| Medium pressure | 0 bar ... 10 bar |
| Medium pressure | 0 psi ... 145 psi |
| Max. viscosity | 22 mm ² /s |
| Temperature of medium | -10 °C ... 80 °C |

| Feature | Value |
|---|--|
| Ambient temperature | -10 °C ... 35 °C |
| Leak rate to EN 12266-1 | A |
| Flow rate Kv | 20 m ³ /h |
| Normal nominal flow rate (normalized to DIN 1343) | 21370 l/min |
| On switching time | 620 ms |
| Switching time off | 1140 ms |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Housing material | Cast stainless steel |
| Material number of housing | 1,4581 |
| Seals material | NBR |
| Material of screws | high-alloy stainless steel |
| Material number of screw | 1,4301 |
| Product weight | 4500 g |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |