

solenoid valve

VZWF-B-L-M22C-N1-275-3AP4-6-R1

Part number: 1492362

FESTO

force pilot operated, NPT1" 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 NPT |
| Electrical connection | Plug pattern type A to EN 175301-803 Plug to EN 175301-803 Cubic design |
| Nominal size | 27.5 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 | 230 V AC: 50/60 Hz, pick-up power 18 VA, holding power 15 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 ² /s |
| Medium temperature | -10 ... 80 °C |
| Ambient temperature | -10 ... 35 °C |
| Leak rate in accordance with EN 12266-1 | A |
| Flow rate Kv | 11 m ³ /h |
| Standard nominal flow rate | 11,750 l/min |
| Switching time on | 275 ms |
| Switching time off | 290 ms |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material housing | Stainless steel casting |
| Material number for housing | 1.4581 |
| Material seals | NBR |
| Material screws | High alloy steel, non-corrosive |

| Feature | Value |
|--|---|
| Material number, screw | 1.4301 |
| Product weight | 1,500 g |
| CE mark (see declaration of conformity) | to EU directive pressure devices to EU directive low-voltage devices |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment UK regulation for pressure equipment |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 3 - High corrosion stress |