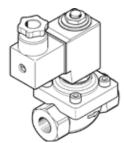
## solenoid valve VZWF-B-L-M22C-N14-135-E-3AP4-10-R1 Part number: 1492374

force pilot operated, NPT1/4" connection.



**FESTO** 

## **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                | 1/4 NPT  |
| Electrical connection                   | Plug pattern type A to EN 175301-803                         |
|   | Plug   |
|   | to EN 175301-803   |
|   | Cubic design   |
| Nominal size                            | 13.5 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 1 MPa  |
| Medium pressure                         | 0 10 bar   |
| Pressure of medium psi                  | 0 145 psi  |
| Max. viscosity                          | 22 mm2/s   |
| Medium temperature                      | -10 80 °C  |
| Ambient temperature                     | -10 35 °C  |
| Leak rate in accordance with EN 12266-1 | Α  |
| Flow rate Kv                            | 1.8 m3/h   |
| Standard nominal flow rate              | 1,920 l/min  |
| Switching time on                       | 130 ms   |
| Switching time off                      | 180 ms   |
| Materials note                          | Conforms to RoHS   |
| PWIS conformity                         | VDMA24364 zone III   |
| Material housing                        | Stainless steel casting                                      |
| Material number for housing             | 1.4581   |
| Material seals                          | EPDM   |
| Material screws                         | High alloy steel, non-corrosive                              |

## FESTO

| Feature                                      | Value                                       |
|--|---|
| Material number, screw                       | 1.4301                                      |
| Product weight                               | 1,000 g                                     |
| CE mark (see declaration of conformity)      | to EU directive low-voltage devices         |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Protection class                             | IP65  |
| Corrosion resistance classification CRC      | 3 - High corrosion stress                   |