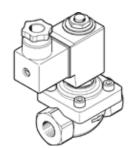
## solenoid valve **VZWF-B-L-M22C-G14-135-E-2AP4-10**Part number: 1492222

**FESTO** 

force pilot operated, G1/4" 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                | G1/4                                                         |
| 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                | 110 V AC: 50/60 Hz, pick-up power 19 VA, holding power 16 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 | A                                                            |
| 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                        | Cast brass                                                   |
| Material number for housing             | CW617N                                                       |
| Material seals                          | EPDM                                                         |
| Material screws                         | High alloy steel, non-corrosive                              |



| 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      | 1 - Low corrosion stress                    |