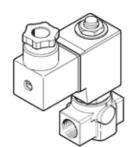
## solenoid valve VZWD-L-M22C-M-G14-10-V-2AP4-90 Part number: 1491918

**FESTO** 

Directly actuated, G1/4" connection.





## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Design structure                        | Directly actuated poppet valve                               |
| Type of actuation                       | electrical   |
| Sealing principle                       | soft   |
| Assembly position                       | Any  |
| Mounting type                           | Line installation  |
| Process valve connection                | G1/4   |
| Electrical connection                   | Plug   |
|   | Cubic design   |
|   | to EN 175301-803   |
|   | Plug pattern type A to EN 175301-803                         |
| Nominal size                            | 1 mm   |
| Valve function                          | 2/2 closed, monostable                                       |
| Manual override                         | None   |
| Flow direction                          | non reversible   |
| Medium                                  | Compressed air in accordance with ISO8573-1:2010 [7:4:4]     |
|   | Inert gases  |
|   | Mineral oil  |
|   | Water  |
|   | Neutral fluids   |
|   | Other media on request                                       |
| Nominal pressure of process valve       | 100  |
| Differential pressure                   | 0 bar  |
| Characteristic coil data                | 110 V AC: 50/60 Hz, pick-up power 19 VA, holding power 16 VA |
| Insulation class                        | F  |
| Permissible voltage fluctuation         | +/- 10 %   |
| Duty cycle                              | 100 %  |
| Type of reset                           | mechanical spring  |
| Type of piloting                        | direct   |
| Medium pressure                         | 0 90 bar   |
| 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                            | 0.06 m3/h  |
| Standard nominal flow rate              | 60 l/min   |
| Switching time on                       | 20 ms  |
| Switching time off                      | 18 ms  |
| Materials note                          | Contains PWIS substances                                     |
|   | Conforms to RoHS   |
| Material housing                        | Cast brass   |
| Material number for housing             | CW617N   |
| Material seals                          | FPM  |
| Product weight                          | 550 g  |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices                          |
| Protection class                        | IP65   |
| Corrosion resistance classification CRC | 1 - Low corrosion stress                                     |