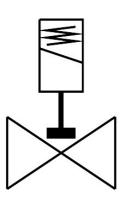
## Solenoid valve VZWD-B-L-M22C-M-N14-25-V-30-2A-A1-16

**FESTO** 

Part number: 8214419





## **Data sheet**

| Feature                          | Value   |
|----------------------------------|---|
| Structural design                | Directly controlled poppet valve  |
| Actuation type                   | Electrical  |
| Sealing principle                | Soft  |
| Mounting position                | Any   |
| Type of mounting                 | Line installation   |
| Fitting connection               | 1/4 NPT   |
| Electrical connection            | Form A Plug as per EN 175301-803 Rectangular design   |
| Nominal width                    | 2.5 mm2.5 mm  |
| Valve function                   | 2/2, closed, monostable   |
| Manual override                  | None  |
| Flow direction                   | Non-reversible  |
| Medium                           | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Mineral oil Water Neutral liquids Other flow media on request |
| Pressure difference              | 0 MPa<br>0 psi  |
| Differential pressure            | 0 bar   |
| Coil characteristics             | 110 V AC: 50/60 Hz, pick-up power 20.0 VA, holding power 15.0 VA  |
| Insulation class                 | F   |
| Permissible voltage fluctuations | +15 % / -10 %   |
| Duty cycle                       | 100%  |
| Reset method                     | Mechanical spring   |
| Type of control                  | Direct  |

| Feature                                      | Value  |
|--|--|
| Medium pressure                              | 0 MPa0 MPa<br>0 bar0 bar<br>0 psi0 psi   |
| Max. viscosity                               | 25 mm <sup>2</sup> /s  |
| Temperature of medium                        | -10 °C10 °C  |
| Ambient temperature                          | -10 °C10 °C  |
| Flow rate Kv                                 | 0.15 m³/h0.15 m³/h   |
| On switching time                            | 8 ms8 ms   |
| Switching time off                           | 25 ms25 ms   |
| Note on materials                            | RoHS-compliant   |
| Housing material                             | Brass  |
| Material number of housing                   | CW617N   |
| Seals material                               | FPM  |
| Product weight                               | 300 g300 g   |
| CE marking (see declaration of conformity)   | As per EU EMC directive As per EU low voltage directive As per EU RoHS directive               |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions To UK instructions for electrical equipment |
| Degree of protection                         | IP65   |
| Corrosion resistance class (CRC)             | 1 - Low corrosion stress   |