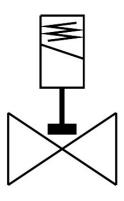
## Solenoid valve VZWD-B-L-M22C-M-N14-25-V-36-1-A1-33

Part number: 8214499





## **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<br>Plug<br>as per EN 175301-803<br>Rectangular design   |
| Nominal width                    | 2.5 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]<br>Inert gas<br>Mineral oil<br>Water<br>Neutral liquids<br>Other flow media on request |
| Pressure difference              | O MPa<br>O psi   |
| Differential pressure            | 0 bar  |
| Coil characteristics             | 24 V DC: 27.0 W  |
| Insulation class                 | Н  |
| Permissible voltage fluctuations | +/- 10 %   |
| Duty cycle                       | 100%   |
| Reset method                     | Mechanical spring  |
| Type of control                  | Direct   |

## **FESTO**

| Feature                                      | Value  |
|--|--|
| Medium pressure                              | 0 MPa3.3 MPa<br>0 bar33 bar<br>0 psi478.5 psi  |
| Max. viscosity                               | 25 mm²/s   |
| Temperature of medium                        | -10 °C140 °C   |
| Ambient temperature                          | -10 °C80 °C  |
| Flow rate Kv                                 | 0.15 m³/h  |
| On switching time                            | 8 ms   |
| Switching time off                           | 25 ms  |
| Note on materials                            | RoHS-compliant   |
| Housing material                             | Brass  |
| Material number of housing                   | CW617N   |
| Seals material                               | FPM  |
| Product weight                               | 380 g  |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU low voltage directive<br>As per EU RoHS directive               |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions<br>To UK instructions for electrical equipment |
| Degree of protection                         | IP65   |
| Corrosion resistance class (CRC)             | 1 - Low corrosion stress   |