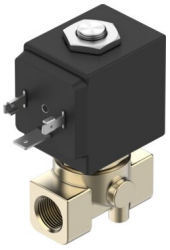
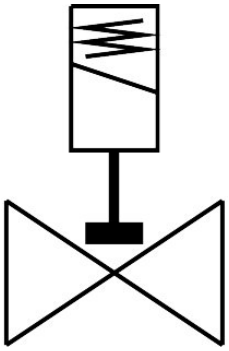
# Solenoid valve
# VZWD-B-L-M22C-M-G14-20-V-30-3A-A1-22

Part number: 8214452





## Data sheet

| Feature | Value |
|---|---|
| Design | Directly actuated poppet valve |
| Type of actuation | Electrical |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | Inline installation |
| Connection Process valve | G1/4 |
| Electrical connection | Type A<br>Plug<br>To EN 175301-803<br>Square design |
| Nominal size | 2 mm |
| Valve function | 2/2-way, single solenoid, closed |
| Manual override | None |
| Flow direction | Non-reversible |
| Medium | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases<br>Mineral oil<br>Water<br>Neutral fluids<br>Other media on request |
| Pressure difference | 0 MPa<br>0 bar<br>0 psi |
| Characteristic coil data | 220/230 V AC: 50/60 Hz, pick-up power 20.0 VA, holding power 15.0 VA |
| Insulation material class | F |
| Permissible voltage fluctuations | +15% / -10% |
| Duty cycle | 100% |
| Type of reset | Mechanical spring |

| Feature | Value |
|---|---|
| Type of piloting | Direct |
| Medium pressure | 0 MPa...2.2 MPa<br>0 bar...22 bar<br>0 psi...319 psi |
| Max. viscosity | 25 mm²/s |
| Media temperature | -10 °C...140 °C |
| Ambient temperature | -10 °C...80 °C |
| Flow rate Kv | 0.1 m³/h |
| Switching time on | 8 ms |
| Switching time off | 25 ms |
| Note on materials | RoHS compliant |
| Material housing | Brass |
| Material number housing | CW617N |
| Material seals | Fluoro rubber |
| Product weight | 300 g |
| CE mark (see declaration of conformity) | To EU EMC Directive<br>To EU Low Voltage Directive<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions<br>To UK regulations for electrical equipment |
| Degree of protection | IP65 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |