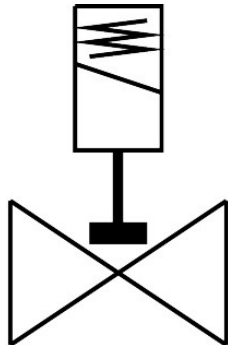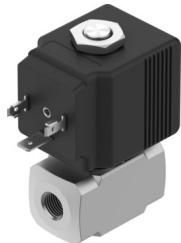# Solenoid valve
## VZWD-B-L-M22C-M-N18-15-V-36-3A-A1-80-R1
Part number: 8214526

# 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 | 1/8 NPT |
| Electrical connection | Form A<br>Plug<br>as per EN 175301-803<br>Rectangular design |
| Nominal width | 1.5 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 | 0 MPa<br>0 psi |
| Differential pressure | 0 bar |
| Coil characteristics | 220/230 V AC: 50/60 Hz, pick-up power 40.0 VA, holding power 30.0 VA |
| Insulation class | H |
| Permissible voltage fluctuations | +15 % / -10 % |
| Duty cycle | 100% |
| Reset method | Mechanical spring |

| Feature | Value |
|---|---|
| Type of control | Direct |
| Medium pressure | 0 MPa...8 MPa<br>0 bar...80 bar<br>0 psi...1160 psi |
| Max. viscosity | 25 mm²/s |
| Temperature of medium | -10 ºC...140 ºC |
| Ambient temperature | -10 ºC...80 ºC |
| Flow rate Kv | 0.07 m³/h |
| On switching time | 8 ms |
| Switching time off | 25 ms |
| Note on materials | RoHS-compliant |
| Housing material | High-alloy stainless steel |
| Material number of housing | 1.4305 |
| Seals material | FPM |
| Product weight | 440 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) | 3 - High corrosion stress |