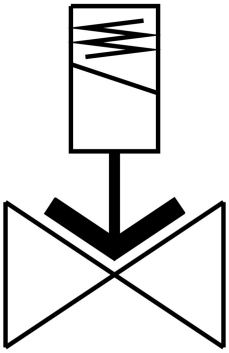
# Air solenoid valve VZWF-B-L-M22C-N14-135-E-1P4-10-R1

Part number: 1492182



## Data sheet

| Feature | Value |
|---|---|
| Structural design | Diaphragm valve<br>Force pilot operated |
| Actuation type | Electrical |
| Sealing principle | Soft |
| Mounting position | Magnet, upright |
| 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 | 13.5 mm |
| Valve function | 2/2, closed, monostable |
| Manual override | None |
| Flow direction | Non-reversible |
| Medium | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Inert gas<br>Mineral oil<br>Water<br>Neutral liquids<br>Other flow media on request |
| Nominal pressure of fitting PN | 40 |
| Pressure difference | 0 MPa<br>0 psi |
| Differential pressure | 0 bar |
| Coil characteristics | 24 V DC: 11.0 W |
| Permissible voltage fluctuations | +/- 10 % |
| Medium pressure | 0 MPa...1 MPa<br>0 bar...10 bar<br>0 psi...145 psi |

| Feature | Value |
|---|---|
| Max. viscosity | 22 mm²/s |
| Temperature of medium | -10 °C...80 °C |
| Ambient temperature | -10 °C...35 °C |
| Leak rate to EN 12266-1 | A |
| Flow rate Kv | 1.8 m³/h |
| Standard nominal flow rate | 1920 l/min |
| On switching time | 130 ms |
| Switching time off | 180 ms |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Housing material | Cast stainless steel |
| Material number of housing | 1.4581 |
| Seals material | EPDM |
| Material of screws | High-alloy stainless steel |
| Material number of screw | 1.4301 |
| Product weight | 1000 g |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |