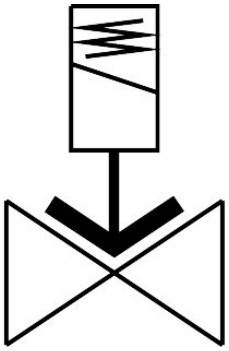
# Solenoid valve
# VZWF-L-M22C-G112-400-E-1P4-10-R1

Part number: 1492140



## Data sheet

| Feature | Value |
|---|---|
| Design | Diaphragm valve<br>Force pilot operated |
| Type of actuation | Electrical |
| Sealing principle | Soft |
| Mounting position | Magnet upright |
| Type of mounting | Inline installation |
| Connection Process valve | G1 1/2 |
| Electrical connection | Type A<br>Plug<br>To EN 175301-803<br>Square design |
| Nominal size | 40 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:-:-]<br>Inert gases<br>Mineral oil<br>Water<br>Neutral fluids<br>Other media on request |
| Nominal pressure PN | 40 |
| Pressure difference | 0 MPa<br>0 bar<br>0 psi |
| Characteristic coil data | 24 V DC: 30.0 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 |
| Media temperature | -10 °C...80 °C |
| Ambient temperature | -10 °C...35 °C |
| Leakage rate to EN 12266-1 | A |
| Flow rate Kv | 22.5 m³/h |
| Standard nominal flow rate (standardised to DIN 1343) | 23500 l/min |
| Switching time on | 620 ms |
| Switching time off | 1140 ms |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Material housing | Cast stainless steel |
| Material number housing | 1,4581 |
| Material seals | EPDM |
| Material screws | High-alloy stainless steel |
| Material number screw | 1,4301 |
| Product weight | 4500 g |
| CE mark (see declaration of conformity) | In accordance with EU Pressure Equipment Directive |
| Degree of protection | IP65 |
| Corrosion resistance class CRC | 3 - high corrosion stress |