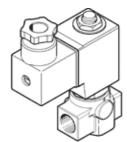
Solenoid valve VZWD-L-M22C-M-N18-30-V-2AP4-15 Part number: 1491953

Directly actuated, NPT1/8" connection.



Data sheet

| Feature | Value |
|---|---|
| Design structure | Directly actuated poppet valve |
| Type of actuation | electrical |
| Sealing principle | soft |
| Assembly position | Any |
| Mounting type | Line installation |
| Process valve connection | 1/8 NPT |
| Electrical connection | Plug pattern type A to EN 175301-803 |
| | Plug |
| | to EN 175301-803 |
| | Cubic design |
| Nominal size | 3 mm |
| Valve function | 2/2 closed, monostable |
| Manual override | None |
| Flow direction | non reversible |
| Medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| | Inert gases |
| | Mineral oil |
| | Water |
| | Neutral fluids |
| | Other media on request |
| Nominal pressure of process valve | 100 |
| Differential pressure (MPa) | 0 MPa |
| Differential pressure | 0 bar |
| Differential pressure (psi) | 0 psi |
| Characteristic coil data | 110 V AC: 50/60 Hz, pick-up power 10.5 VA, holding power 8 VA |
| Insulation class | F |
| Permissible voltage fluctuation | +/- 10 % |
| Duty cycle | 100 % |
| Type of reset | mechanical spring |
| Type of piloting | direct |
| Pressure of medium | 0 1.5 MPa |
| Medium pressure | 0 15 bar |
| Pressure of medium psi | 0 217.5 psi |
| Max. viscosity | 22 mm2/s |
| Medium temperature | -10 80 °C |
| Ambient temperature | -10 35 °C |
| Leak rate in accordance with EN 12266-1 | A |
| Flow rate Kv | 0.2 m3/h |
| Standard nominal flow rate | 210 l/min |
| Switching time on | 20 ms |
| Switching time off | 18 ms |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material housing | Cast brass |

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| Feature | Value |
|--|---|
| Material number for housing | CW617N |
| Material seals | FPM |
| Product weight | 550 g |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |