



## DVP Proportional Valves

### DV-PM-10-190050



The DVP Series proportional solenoid valves are precision-built 2-way control valves, utilizing a unique, patented valving principle. They offer an extremely high cycle life, fast response, linear flow gain, low hysteresis, low power consumption, and flows over 60 l/min. The valve provides air or gas flow control, and varies the output flow based on the current input to the solenoid.

|                                    |                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------|
| <b>2D File</b>                     | <a href="#">File</a>                                                            |
| <b>Accessories</b>                 | Installation Socket Torque Tool <a href="#">30220</a>                           |
| <b>Air Flow</b>                    | 19.0 l/min                                                                      |
| <b>Coil Resistance (72° F)</b>     | 52.6 ohms                                                                       |
| <b>Connection</b>                  | Wire Leads, 18"                                                                 |
| <b>Cycle Life</b>                  | Over 1,000,000,000 Cycles                                                       |
| <b>Data Sheet</b>                  | <a href="#">Valve Data Sheet</a> , <a href="#">Driver Data Sheet (optional)</a> |
| <b>Filtration</b>                  | 40 micron (recommended)                                                         |
| <b>Function</b>                    | 2-Way Normally-Closed Proportional                                              |
| <b>Input Current Range</b>         | 0 to 0.190 amps                                                                 |
| <b>Manifolds</b>                   | <a href="#">Manifolds</a>                                                       |
| <b>Material, Body</b>              | Stainless Steel                                                                 |
| <b>Material, Seals</b>             | Nitrile                                                                         |
| <b>Material, Seat</b>              | Stainless Steel                                                                 |
| <b>Material, Wetted</b>            | 304 Stainless Steel, PPS Nitrile                                                |
| <b>Maximum Voltage Required</b>    | 13 VDC                                                                          |
| <b>Medium</b>                      | Air & Compatible Gases                                                          |
| <b>Mount</b>                       | Manifold with #10-32 Male Stud                                                  |
| <b>Note</b>                        | CE, RoHS & REACH Compliant                                                      |
| <b>Number of Ports</b>             | 2                                                                               |
| <b>Operating Pressure</b>          | 050                                                                             |
| <b>Operating Temperature Range</b> | 32 to 120°F (0 to 49°C)                                                         |
| <b>Port, Inlet</b>                 | Manifold Stud                                                                   |
| <b>Port, Outlet</b>                | Manifold Outlet Hole                                                            |
| <b>Product Line Brochure</b>       | <a href="#">Proportional Valves</a>                                             |
| <b>Unit</b>                        | Imperial                                                                        |
| <b>Voltage (72° F)</b>             | 10 VDC                                                                          |
| <b>Wattage</b>                     | 1.9 watts @ 72°F (22°C), 2.5 watts max                                          |
| <b>Weight (lbs.)</b>               | 0.1500                                                                          |

