The Lee Company's new Zero Leak Solenoid Valve extends the sealing performance of our field proven piloting solenoid valves. The valve seat incorporates a polymer seal to achieve zero leakage. In addition, our MultiSeal radically simplifies port layout, offers significant space savings, reduced machining costs and higher reliability than traditional sealing methods.

Weighing just 0.25 pounds, the Zero Leak Solenoid Valve is a single coil design that is offered in both normally closed and normally open configurations and with lead wires exiting either end of the valve. The solenoid coil has been optimized to ensure positive pull-in while consuming just 7.8 Watts at 28 Vdc.

Please contact your local Lee Sales Engineer for additional information and technical assistance.

### Front Wire Exit Valve

- Zero bubbles per minute leakage of nitrogen
- Compatible with most petroleum and phosphate-ester based fluids
- Captive retainer nut (no special tools required)
- 3500 Lohm restriction (0.3 GPM minimum flow at 3000 psid)
- 18 - 32 Vdc, 7.8 Watts
- -65°F to +275°F temperature range
- Integral safety screen, 0.004 inch hole size
- 0.25 lbs. maximum weight
- Endurance tested to 500,000 cycles

### Rear Wire Exit Valve

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>TYPE</th>
<th>WIRE EXIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDPB3321012A</td>
<td>Normally Open</td>
<td>Front</td>
</tr>
<tr>
<td>SDPB3321013A</td>
<td>Normally Closed</td>
<td>Front</td>
</tr>
<tr>
<td>SDPB3321012B</td>
<td>Normally Open</td>
<td>Rear</td>
</tr>
<tr>
<td>SDPB3321013B</td>
<td>Normally Closed</td>
<td>Rear</td>
</tr>
</tbody>
</table>
**SPECIFICATIONS**

- **Type:** 2 position, 2-way
- **Pressure:**
  - 500 – 3000 psid operating
  - 4500 psi proof
  - 6000 psi burst
- **Temperature:** -65°F to +275°F
- **Flow Restriction:** 3500 Lohms
- **Leakage:** Zero bubbles of nitrogen in one minute at 3000 psid and -65°F to +275°F
- **Leakage:** Zero
- **Voltage:** 18 Vdc to 32.2 Vdc
- **Current Drain:** 0.28 Amps at 28 Vdc and 70°F (7.8 Watts)
- **Weight:** 0.25 lbs. maximum
- **Materials:**
  - Magnetic path – Nickel plated silicon iron
  - Flow path - Stainless steels and polymer
  - MultiSeal – Polyamide-imide
  - Threaded retainer nut – Anodized aluminum

**INSTALLATION HOLE – FRONT WIRE EXIT VALVE**

![Front Wire Exit Valve Diagram]

**INSTALLATION HOLE – REAR WIRE EXIT VALVE**

![Rear Wire Exit Valve Diagram]