The Model BTK2 Backflow Prevention Test Kit is capable of testing hydronic systems with test procedures recommended by ASSE, AWWA, CSA, FCCT, HR-USV, and NEWWA. The BTK2 is comprised of three valves and is specially designed for testing backflow prevention assemblies. The tests can be completed in almost any area by mounting the unit with the included high performance elastic cord. PTFE-lined brass ball valves simplify the adjustment procedure. The large, easy-to-grip needle valve allows for quick adjustment. The kit includes a 4.5˝ diameter diaphragm differential pressure gage (0 to 15 psid), a 1.5˝ diameter in-line pressure gage (0 to 200 psig), three 3´ long hoses (color-coded), three sets of brass adapter fittings for hookups to all standard size test cocks, an elastic cord for hanging/mounting, and a durable polyethylene carrying case.

**Model BTK2**

**SPECIFICATIONS**

- **Pressure Limits:** 175 psi (12 bar).
- **Temperature Limits:** 210°F (99°C).
- **Range:**
  - 4.5˝ gage: 0 to 15 psid (0 to 1 bar); 1.5˝ gage: 0 to 200 psi (0 to 14 bar).
- **Accuracy:**
  - 4.5˝ gage: ±2% FS; 1.5˝ gage: ±3-2-3% FS.
- **Wetted Parts:**
  - 4.5˝ Gage: Anodized aluminum; 4.5˝ Gage Diaphragm: Buna-N; 1.5˝ Gage: Brass; Ball Valves: PTFE lined brass; Needle Valve: Brass; Hose Couplings: Brass; Adaptors: Brass; Hose: Rubber.
- **Size:** Case: 9˝ H x 16˝ W x 9˝ D (228 mm H x 406 mm W x 228 mm D).
- **Weight:** 8.9 lb (4 kg).

The Series TPT Pressure Transmitter is the ideal choice for all types of industrial pressure applications. Machined from a solid piece of 17-4 PH SS, the TPT provides a leak proof, all metal system without O-rings, welds, or organics exposed to the pressure media. Its design allows for stable operation when subject to shock and vibration. Utilizing piezoresistive technology with digital compensation and temperature correction, the TPT gives high accuracy and stability under harsh environmental conditions. Available in ratiometric and 4 to 20 mA outputs.

**SPECIFICATIONS**

- **Service:** Compatible liquids and gases.
- **Wetted Materials:** 17-4PH SS.
- **Accuracy:** ±1% FS (RMS).
- **Stability:** < ±0.25% FS per year.
- **Temperature Limits:** -13° to 185°F (-20° to 85°C).
- **Compensated Temperature Range:** -13° to 185°F (-20° to 85°C).
- **Pressure Limits:** Proof pressure: 2 x FS; Burst pressure: 3 x FS.
- **Thermal Effect:**
  - Zero shift: ±0.01% FS per 1°C; Span error: ±0.02% FS per 1°C.
- **Power Requirements:** See table.
- **Output Signal:** See table.
- **Loop Resistance:** < 100 Ω.
- **Electrical Connection:** Packard connector.
- **Process Connections:** 1/4˝-18 male NPT.
- **Shock:** ±20 g.
- **Vibration:** 50 g @ 20 to 2000 Hz.
- **Weight:** 0.20 lb (0.09 kg).

### Model TPT-R01, TPT-R02, TPT-R03, TPT-R04, TPT-R05, TPT-R06, TPT-C01, TPT-C02, TPT-C03, TPT-C04, TPT-C05

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi (bar)</th>
<th>Power Requirements (VDC)</th>
<th>Output Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPT-R01</td>
<td>100 (6.89)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-R02</td>
<td>250 (17.24)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-R03</td>
<td>500 (34.47)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-R04</td>
<td>1000 (68.95)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-R05</td>
<td>2500 (172.37)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-R06</td>
<td>5000 (344.74)</td>
<td>4.75 to 5.25</td>
<td>0.5 to 4.5 VDC</td>
</tr>
<tr>
<td>TPT-C01</td>
<td>100 (6.89)</td>
<td>9 to 30</td>
<td>4 to 20 mA</td>
</tr>
<tr>
<td>TPT-C02</td>
<td>250 (17.24)</td>
<td>9 to 30</td>
<td>4 to 20 mA</td>
</tr>
<tr>
<td>TPT-C03</td>
<td>500 (34.47)</td>
<td>9 to 30</td>
<td>4 to 20 mA</td>
</tr>
<tr>
<td>TPT-C04</td>
<td>1000 (68.95)</td>
<td>9 to 30</td>
<td>4 to 20 mA</td>
</tr>
<tr>
<td>TPT-C05</td>
<td>2500 (172.37)</td>
<td>9 to 30</td>
<td>4 to 20 mA</td>
</tr>
</tbody>
</table>