**SERIES RRT3**

**REMOTE READING THERMOMETER WITH SWITCH**

SPDT Relay, Liquid Actuated Bulb and Capillary

The SERIES RRT3 Remote Reading Thermometer with Switch combines an easy to read 3-1/4” dual scale dial thermometer and a SPDT relay. Color coordinated pointers display the current process temperature and set point.

**FEATURES/BENEFITS**
- Quick connect electrical terminals
- Industrial armored capillary

**APPLICATIONS**
- High temp shut down in process applications
- Boiler or chiller control

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Stem Length</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRT3120U</td>
<td>40 to 120°F</td>
<td>(-40 to 50°C)</td>
</tr>
<tr>
<td>RRT3250U</td>
<td>32 to 248°F</td>
<td>(0 to 120°C)</td>
</tr>
<tr>
<td>RRT3300U</td>
<td>0 to 300°F</td>
<td>(-18 to 149°C)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Wetted Materials:** Brass.
- **Housing Material:** 304 SS.
- **Temperature Limit:** -4 to 158°F (-20 to 70°C).
- **Switch Type:** SPDT.
- **Electrical Ratings:** 3 A @ 250 VAC, 2 A @ 250 VDC.
- **Electrical Connections:** Screw terminal.
- **Process Connection:** 1/2” (12.7 mm) male NPT.
- **Dial Size:** 3-1/2” (90 mm).
- **Capillary Length:** 3-1/2” (90 mm).
- **Weight:** 10.5” (3.2 m).
- **Bulb Length:** 3-1/8” (79.24 mm).
- **Weight:** 2 lb (900 g).

---

**SERIES DBT**

**DIGITAL SOLAR-POWERED BIMETAL THERMOMETER**

LCD Display, Adjustable Angle Stem

The SERIES DBT Digital Solar-Powered Bimetal Thermometer takes the guesswork out of temperature measurement.

**FEATURES/BENEFITS**
- Field selectable °F or °C temperature units
- 0.1” resolution
- Adjustable dial position

**APPLICATIONS**
- Boiler or chiller temperature monitoring
- HVAC duct monitoring

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Stem Length</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBTA3251</td>
<td>2.5”</td>
<td>-58 to 302°F</td>
</tr>
<tr>
<td>DBTA3252</td>
<td>2.5”</td>
<td>-58 to 158°F</td>
</tr>
<tr>
<td>DBTA3401</td>
<td>4”</td>
<td>-58 to 302°F</td>
</tr>
<tr>
<td>DBTA3402</td>
<td>4”</td>
<td>-58 to 158°F</td>
</tr>
<tr>
<td>DBTA3601</td>
<td>6”</td>
<td>-58 to 302°F</td>
</tr>
<tr>
<td>DBTA3602</td>
<td>6”</td>
<td>-58 to 158°F</td>
</tr>
<tr>
<td>DBTA3901</td>
<td>9”</td>
<td>-58 to 302°F</td>
</tr>
<tr>
<td>DBTA3902</td>
<td>9”</td>
<td>-58 to 158°F</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Wetted Materials:** 304 SS.
- **Housing Material:** 300 SS.
- **Lens:** Glass.
- **Accuracy:** 32 to 122°F (0 to 50°C): ±1% FS.
- **Dial Size:** 3”.
- **Process Connection:** 1/2” NPT-adjustable angle.
- **Display:** 3-1/2 digit LCD.
- **Response Time:** 15 seconds.
- **Supply Power:** 3-volt solar cell (minimum 35 LUX required).
- **Weight:** 12 oz (350 g).