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. In order to change the set point, a front adjustment knob controls the red set point pointer. The design of the internal mechanical switch movement prevents the set point pointer from sticking to the process indicating pointer. A 10.5 ft (3.2 m) stainless steel flex hose capillary prevents kinking and leaking of the measuring fluid when bending the capillary. For quick installation, electrical connections can be made to male quick connects or to the finger-safe screw terminals. Thermometer includes a u-clamp mounting bracket for panel mounting.

**SPECIFICATIONS**
- Wetted Materials: Brass.
- Accuracy: ±3% FS.
- Housing Material: 304 SS.
- Temperature Limit: -4 to 158°F (-20 to 70°C).
- Switch Type: SPDT, 3 A @ 250 VAC, .2 A @ 250 VDC.
- Electrical Connections: Normally open (NO), normally closed (NC), and common (COM).
- Process Connection: 1/2˝ (12.7 mm) male NPT.
- Dial Size: 3-1/2˝ (90 mm).
- Capillary Length: 10.5’ (3.2 m).
- Bulb Length: 3’ (96 mm).
- Weight: 2 lb (900 g).

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