IMMERSION RTD'S

TEMPERATURE RANGE: -58°F to 500°F (-50°C to 260°C)

These RTD's are ideal when the immersion length is undetermined until actual time of installation.

As spare elements, they also provide the advantage of stocking the longest length only in a desired quantity to be used as a replacement in any of the shorter assemblies. This offers economy and constant availability.

To reduce the length for a particular installation, simply remove the TEFILON® insert from the lead wire end of the tube. Then cut the tube with a tube cutter to avoid damaging the wires or deforming the tube. Once the tube is cut, remove burrs and reinsert the TEFILON® insert.

Adjustable RTD's are available from stock in standard 28.5" immersion and 6" lead length.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LEAD LENGTH (IN INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>SINGLE (LEAVE BLANK)</td>
</tr>
<tr>
<td>98</td>
<td>CLA</td>
</tr>
<tr>
<td>2W</td>
<td>2 WIRE (4 DUPLEX)</td>
</tr>
</tbody>
</table>

*Single or Duplex

CODE ACCURACY (ASTM E1137)
CLASS B (LEAVE BLANK)
CLA CLASS A

CODE IMMERSION LENGTH (IN INCHES (28 MAX))

CODE STRUCTURE
D SINGLE (LEAVE BLANK)
DUPLEX

SPECIFICATIONS
RTD Element
Type: Platinum, Thin Film
Resistance @ 0°C: 100 OHMS
Temperature Coefficient of Resistance: 0.0385
Sheath Material: 316 Stainless Steel
Sheath Diameter: 1/4" (.25)
Insulation: Teflon (FEP)

Lead Wire
Conductor Size: 24 Gauge Stranded
Conductor Material: Nickel Plated Copper
Insulation: Teflon (FEP)

Notes:
(1) For an item that does not fall within the catalog description, an (SP) can be added to the ordering code as part of a custom construction.