IMMERSION RTD'S

TEMPERATURE RANGE: -292°F to 932°F (-180°C to 500°C)

SPECIFICATIONS
RTD Element
Type: Platinum, Wire Wound
Resistance @ 0°C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: 316 Stainless Steel
Insulation: Hard Packed MgO

Lead Wire
Conductor Size: 24 Gauge Stranded
Conductor Material: Nickel Plated Copper
Insulation: Fiberglass or Teflon (FEP)
Armor: Stainless Steel, Flexible

Connectors
Body Material: Thermoplastic
Polarized Pins
Spring Loaded Inserts
Maximum Temperature Limit: 390°F (200°C)

ORDERING CODE

<table>
<thead>
<tr>
<th>CODE</th>
<th>SHEATH DIAMETER</th>
<th>AVAILABILITY (W,WIRES, TOTAL)</th>
<th>IMMERSION LENGTH</th>
<th>LEAD LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>1/8&quot; (2.2mm)</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>316</td>
<td>3/32&quot; (4.8mm)</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>14</td>
<td>1/4&quot; (6.4mm)</td>
<td>S</td>
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</tbody>
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<table>
<thead>
<tr>
<th>CODE</th>
<th>SYSTEM</th>
<th>IMMERSION LENGTH</th>
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</thead>
<tbody>
<tr>
<td>2W</td>
<td>2 WIRE (DUPLEX)</td>
<td></td>
</tr>
<tr>
<td>3W</td>
<td>3 WIRE (LEAVE BLANK)*</td>
<td></td>
</tr>
<tr>
<td>4W</td>
<td>4 WIRE</td>
<td></td>
</tr>
</tbody>
</table>

*Single or Duplex

SECTION IMRD

IMMERSION RTD'S with ARMORED LEAD WIRE
SINGLE & DUPLEX CONSTRUCTION

Notes:
(1) Available with spade lugs, replace 'A' with 'LG'.
(2) Sheath may be bent to up to a diameter of twice the radius from 2" past tip.
(3) 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.