IMMERSION RTD'S

TEMPERATURE RANGE: -58°F to 752°F (-50°C to 400°C)

SPECIFICATIONS
RTD Element
Type: Platinum, Thin Film
Resistance @ 0°C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: 316 Stainless Steel
Insulation: Fiberglass

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

ORDERING CODE

<table>
<thead>
<tr>
<th>SHEATH DIAMETER</th>
<th>AVAILABLE (WIRE/PLUGS/INS. TOTAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>18&quot; (4.6mm)</td>
</tr>
<tr>
<td>316</td>
<td>316&quot; (8.1mm)</td>
</tr>
<tr>
<td>14</td>
<td>14&quot; (3.6mm)</td>
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<thead>
<tr>
<th>CODE</th>
<th>IMMERSION LENGTH</th>
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<tbody>
<tr>
<td>2W</td>
<td>2 WIRE (2 DUPLEX)</td>
</tr>
<tr>
<td>3W</td>
<td>3 WIRE (LEAVE BLANK)*</td>
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<tr>
<td>4W</td>
<td>4 WIRE (SINGLE ON 1)</td>
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<table>
<thead>
<tr>
<th>CODE</th>
<th>SYSTEM</th>
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</thead>
<tbody>
<tr>
<td>T</td>
<td>3 WIRE</td>
</tr>
<tr>
<td>L</td>
<td>4 WIRE</td>
</tr>
<tr>
<td>C</td>
<td>2 WIRE</td>
</tr>
<tr>
<td>H</td>
<td>1 WIRE</td>
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<table>
<thead>
<tr>
<th>CODE</th>
<th>TERMINATION</th>
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</thead>
<tbody>
<tr>
<td>T</td>
<td>STANDARD SIZE 3 PIN PLUG</td>
</tr>
<tr>
<td>L</td>
<td>STANDARD SIZE 3 PIN PLUG</td>
</tr>
<tr>
<td>C</td>
<td>STANDARD SIZE 3 PIN PLUG</td>
</tr>
<tr>
<td>H</td>
<td>MINIATURE 2 PIN PLUG (SEE NOTE 1)</td>
</tr>
<tr>
<td>H3</td>
<td>MINIATURE 3 PIN PLUG (SEE NOTE 1)</td>
</tr>
<tr>
<td>T3</td>
<td>STANDARD SIZE 6 PIN PLUG</td>
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<tr>
<td>S</td>
<td>COOLANT HEAD (4 WIRE MAX)</td>
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<table>
<thead>
<tr>
<th>CODE</th>
<th>MATING CONNECTOR (OMIT IF NOT ORDERED)</th>
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<tbody>
<tr>
<td>T1</td>
<td>STANDARD SIZE 3 PIN JACK</td>
</tr>
<tr>
<td>N</td>
<td>STANDARD SIZE 2 PIN JACK</td>
</tr>
<tr>
<td>C1</td>
<td>STANDARD SIZE 4 PIN JACK</td>
</tr>
<tr>
<td>K</td>
<td>MINIATURE 2 PIN JACK</td>
</tr>
<tr>
<td>K3</td>
<td>MINIATURE 3 PIN JACK</td>
</tr>
<tr>
<td>TT2</td>
<td>STANDARD SIZE 5 PIN JACK</td>
</tr>
</tbody>
</table>

Notes:
1. Available in 1/8" diameters only.
2. 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.

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SECTION IMRD
TYPE "MT"
IMMERSION RTD'S with CONNECTORS
SINGLE & DUPLEX CONSTRUCTION

Doc. No.: TE-CO010109-IMRD-020