RESISTANCE THERMOMETER INSERTS
400 °C, Thermo Electric springloading

Specifications:

Series: RTD-10.000
Probe type: sheathed construction
Temperature range: -50 °C to +400 °C
Element type: Pt 100, single or duplex
Resistance values and tolerances: IEC 751, class B
Nominal resistance: 100 Ohm ± 0,1 at 0 °C
Nominal temperature coefficient: 0,00385
Recommended max. current: 10 mA
Min. insulation resistance: 10 Mohm at ambient temperature with 200 V DC
Wiring system: 2-, 3- or 4-wires
Inner lead resistance: negligible
Termination: 100 mm PVC insulated flexible wire
Spring: high temperature resistant material
Max. springloading: up to 25 mm field adjustable by turning the spring clockwise
Sheath material: SS 316 (Wst nr. 1.4401)
Probe diameter: 6,4 mm
Probe length 'A': to be specified; add 265 mm to 'U' length of series ITS-10.000 industrial temperature sensors

These inserts fit standard head assemblies series TSA-10.000 and standard industrial temperature sensors series ITS-10.000
Other ranges and/or classes for Pt100's are available on request.

Ordering code:

<table>
<thead>
<tr>
<th>Wiring system</th>
<th>Single 'A'</th>
<th>Duplex 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-wire</td>
<td>RTD-13642- Pt100- □ mm</td>
<td>RTD-14644- Pt100- □ mm</td>
</tr>
<tr>
<td>3-wire</td>
<td>RTD-13643- Pt100- □ mm</td>
<td>RTD-14646- Pt100- □ mm</td>
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<tr>
<td>4-wire</td>
<td>RTD-13644- Pt100- □ mm</td>
<td></td>
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</tbody>
</table>

□ = probe length 'A' in mm (to be specified)