RESISTANCE THERMOMETER INSERTS
550 °C, Thermo Electric springloading

Specifications:
- Series: RTD-10.000
- Probe type: mineral insulated
- Temperature range: -50 °C to +550 °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 MΩ at ambient temperature with 200 V DC
- Wiring system: 3- or 4-wires from the element
- Termination: 100 mm PVC insulated flexible wire
- Spring: high temperature resistant material
- Max. spring loading: up to 25 mm field adjustable by turning the spring clockwise
- Sheath material: SS 316 (Wst.nr. 1.4401)
- Probe diameter: 6 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</th>
<th>Duplex</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-wire</td>
<td>RTD-10603- Pt100 □ mm</td>
<td>RTD-12606 Pt100 □ mm</td>
</tr>
<tr>
<td>4-wire</td>
<td>RTD-10604- Pt100 □ mm</td>
<td></td>
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</tbody>
</table>

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