

RESISTANCE THERMOMETER INSERTS

400 °C, Thermo Electric springloading



Specifications:

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| 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:

Wiring system

2-wire
3-wire
4-wire

Single

RTD-13642- Pt100 -□ mm 'A'
RTD-13643- Pt100 -□ mm
RTD-13644- Pt100 -□ mm

Duplex

RTD-14644- Pt100 -□ mm 'A'
RTD-14646 Pt100 -□ mm

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