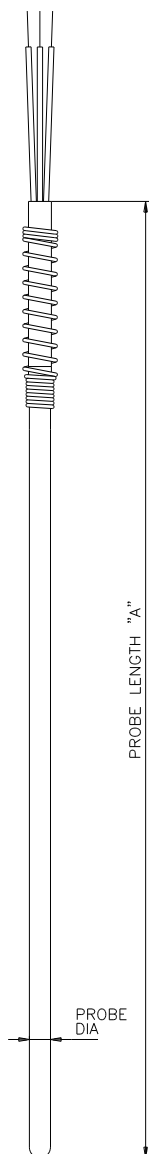


# RESISTANCE THERMOMETER INSERTS

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 $\pm$ 0,1 at 0 °C
Nominal temperature coefficient	:0,00385
Recommended max. current	:10 mA
Min. insulation resistance	:10 M ohm 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:

### Wiring system

3-wire  
4-wire

### Single

RTD-10603- Pt100 -  mm  
RTD-10604- Pt100 -  mm

### Duplex

RTD-12606 Pt100 -  mm

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