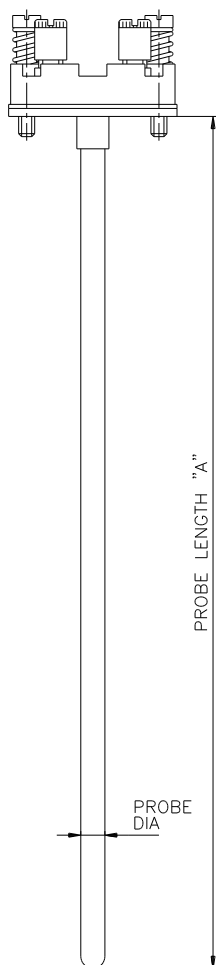


# RESISTANCE THERMOMETER INSERTS

400 °C, DIN spring loading



## Specifications:

Series	:RTD-20.000
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 $\pm$ 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	:ceramic DIN terminal block with clamp type terminals; fitted by means of two M4 screws on 33 mm centres
Max. springloading	:10 mm
Sheath material	:SS 316 (Wst.nr. 1.4401)
Probe diameter	:6 mm
Probe length 'A'	:to be specified; add 145 mm to 'U' length of series ITS-20.000 industrial temperature sensors

These inserts fit standard head assemblies series TSA-20.000 and standard industrial temperature sensors series ITS-20.000

Other ranges and/or classes for Pt100's are available on request.

## Ordering code:

### Wiring system

2-wire  
3-wire  
4-wire

### Single

'A'  
RTD-23602-Pt100 -  mm  
RTD-23603-Pt100 -  mm  
RTD-23604-Pt100 -  mm

### Duplex

'A'  
RTD-24604-Pt100 -  mm  
RTD-24606-Pt100 -  mm

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