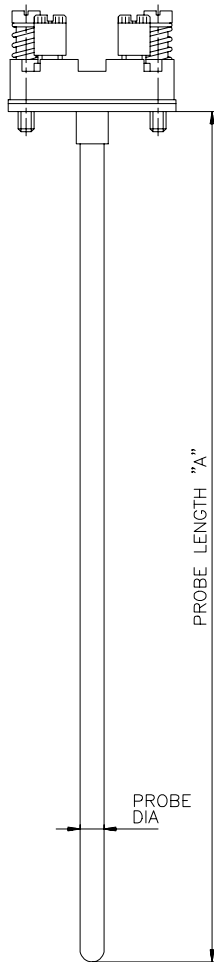


# RESISTANCE THERMOMETER INSERTS

550 °C, DIN springloading

## Specifications:



Series	:	RTD-20.000
Probe type	:	mineral insulated
Temperature range	:	-200 °C to +550 °C
Element type	:	Pt 100, single or duplex
Resistance values and tolerances	:	IEC 751, class B
Nom. resistance	:	100 Ohm $\pm$ 0,1 at 0 °C
Nom. temperature coefficient	:	0,00385
Recommended max. current	:	10 mA
Min. insulation resistance	:	10 Mohm at ambient temperature with 200 V DC
Wiring system	:	3- or 4-wires from the element
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	:	6,0 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

3-wire

4-wire

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

### Single

RTD-20603-Pt100 -  mm  
RTD-20604-Pt100 -  mm

### Duplex

RTD-22606-Pt100 -  mm

Also available in inches



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A/235  
Rev.00 08/03