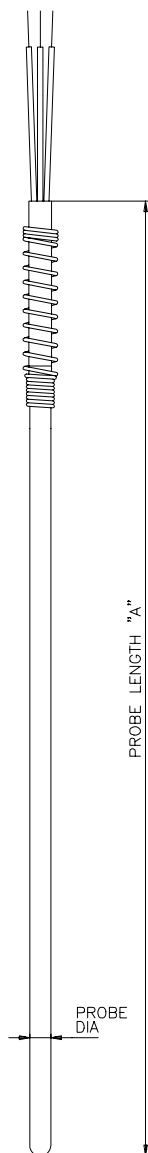


# RESISTANCE THERMOMETER INSERTS

400 °C, Thermo Electric springloading



## Specifications:

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 $\pm$ 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	:	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	:	6,0 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	Single	Duplex
2-wire	RTD-13602- Pt100 -□ mm	RTD-14604- Pt100 -□ mm
3-wire	RTD-13603- Pt100 -□ mm	RTD-14606 Pt100 -□ mm
4-wire	RTD-13604- Pt100 -□ mm	

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

Also available in inches



Thermo Electric  
P.O. Box 179  
2740 AD Waddinxveen  
The Netherlands

Tel. : +31 (0)182 – 302 850  
Fax : +31 (0)182 – 302 777  
E-mail : info@thermo-electric.nl  
Internet: http://www.thermo-electric.nl

A/220  
Rev.00 08/03