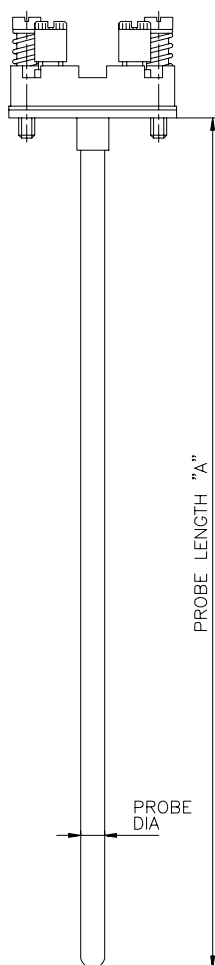


RESISTANCE THERMOMETER INSERTS

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	:	6,0 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

2-wire
3-wire
4-wire

Single

RTD-23602-Pt100 - mm
RTD-23603-Pt100 - mm
RTD-23604-Pt100 - mm

Duplex

RTD-24604-Pt100 - mm
RTD-24606-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/230
Rev.00 08/03