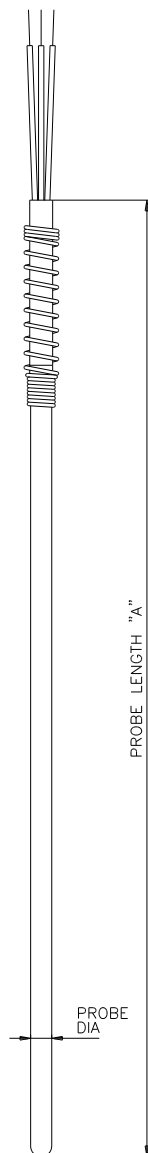


RESISTANCE THERMOMETER INSERTS

300 °C, Thermo Electric springloading



Specifications:

Series	: RTD-10.000
Probe type	: Flat film sheathed construction
Temperature range	: -50 °C to +300 °C
Element type	: Pt 100, single or duplex (2 / 3 wire only)
Resistance values and tolerances	: IEC 60751, class B
Nominal resistance	: 100 Ohm at 0 °C
Recommended max. current	: 10 mA
Min. insulation resistance	: 100 MΩ at ambient temp. with 100 V DC
Wiring system	: 2-, 3- or 4-wires
Inner lead resistance	: negligible
Termination	: 150 mm PTFE insulated flexible wire
Max. springloading	: 10 mm
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

2-wire
3-wire
4-wire

Single

RTD-13642- Pt100 -□ mm 'A'
RTD-13643- Pt100 -□ mm
RTD-13644- Pt100 -□ mm

Duplex

RTD-14644- Pt100 -□ mm 'A'
RTD-14646 Pt100 -□ mm

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