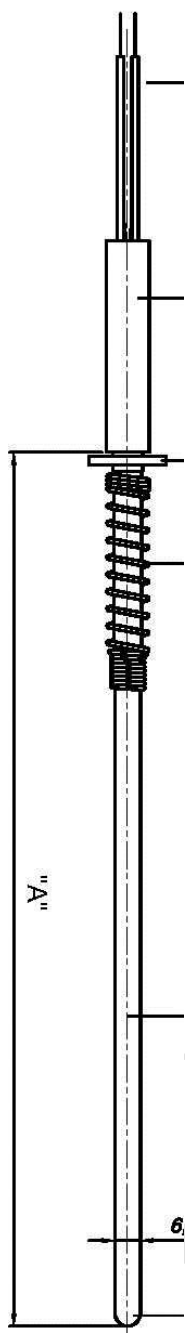


RESISTANCE THERMOMETER INSERTS



for Thermo Electric Ex d approved sensors



Specifications:

Series	: RTD-70.000
Probe type	: sheathed construction
Temperature range	: -50 °C to +300 °C
Element type	: Pt 100, single or duplex
Resistance values and tolerances	: IEC 751, class A
Nominal resistance	: 100 Ohm ± 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:

Wire system

2-wire
3-wire
4-wire

Single

	'A'
RTD-73602-	Pt100 -□ mm
RTD-73603-	Pt100 -□ mm
RTD-73604-	Pt100 -□ mm

Duplex

	'A'
RTD-74604-	Pt100 -□ mm
RTD-74606-	Pt100 -□ mm
RTD-74608-	Pt100 -□ mm

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