

# Spring Loaded RTD Insert with Ceramic Block



Made in the UK 

## Description

Spring loaded RTD inserts to suit new or existing thermowells, pockets or assemblies with a temperature range of -50 to +250°C; designed for fast and simple replacement.

This easily interchangeable RTD sensor is used in thermowells with terminal heads and can be replaced with minimal time and effort. It has a ceramic terminal block and spring loaded screws for good thermal contact and fast, reliable response.

This high quality probe uses a Pt100 sensing element that is class B accuracy. Common diameters are 3mm, 6mm and 8mm. We have a standard range of lengths and manufacture specifically to suit your application.

The Pt100 sensing element is 10mm long and is placed at the tip of the sheath which means that the minimum immersion depth should be at least 50mm.

We provide thermocouple versions of this sensor, please [click here to view](#).



## Specification

Product	Spring loaded RTD Insert with Ceramic Block
Type	Pt100 3 Wire
Temp Range	-50 to +250°C
Diameter	3mm, 6mm and 8mm Ø
Probe Length	To suit your application
Accuracy	Class B
Material	316 Stainless Steel
Termination	M4 Screws
Screw Centre (Gap)	33mm PCD
Block Size	41mm Ø
Part Number	RFINS

## Features

- Simple to replace for plant efficiency
- Spring loaded promotes good thermal contact and fast reliable response
- Optional transmitter that replaces the ceramic terminal block
- Bespoke manufactured options
- For higher accuracy we offer optional class A or 1/10 DIN available on request

## Application

- Pipes
- Vessels
- Machinery

For more information visit:

[sterlingsensors.co.uk](http://sterlingsensors.co.uk)

