

High Temperature Ceramic Type R/S Thermocouple



Made in the UK 

Description

A range of type R & S platinum, high temperature ceramic thermocouples, for use in industrial environments.

This range of platinum sensors is ideal for high temperature applications and are rated to 1600°C. They are available in type R or S thermocouple calibration, with Class 1 accuracy.

The assembly features a non-porous recrystallised alumina protection sheath with a diameter of 15mm. This has a higher operating temperature than an aluminous sheath and greater resistance to thermal, chemical and physical shock. The stainless steel support tube is 21.3mm diameter (1/2" SCH 40) and 100mm long as standard.

Available in three standard lengths of 300mm, 500mm or 1000mm below an IP68 KNE weatherproof terminal head housing a ceramic terminal block.

Many options are available such as; alternative lengths, diameters, ceramic materials, as well as duplex elements.



Specification

Product	High Temperature Ceramic Thermocouple
Type	R or S
Temp Range	0 to 1600 °C
Length	300, 500 or 1000mm
Ceramic Dia Ø	15mm
Wire Dia Ø	0.45mm
Material	Recrystallised Alumina (Alsint)
Accuracy	Class 1
Part Number	TFHTC

Features

- Type R or S thermocouple
- Class 1 accuracy
- Recrystallised alumina sheath
- Interchangeable insert
- Duplex options

Application

- Furnaces
- Kilns & Incinerators
- Industrial Ovens

Looking for a **quote?**

Our technical sales engineers will discuss your application and provide a quotation.



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