

ENGLISH

Datasheet RS Temperature Probe, T, -100 \rightarrow +400 °C

RS Stock 788-7138



Specifications

Description

This sensor is constructed using a 3M length PTFE wire constructed as a twisted pair. The wire used is ½ Class 1 Type T alloys (Cu / Co). A weld bead is manufactured at one end of the wire whilst the other end is terminated in a moulded miniature thermocouple plug. The cable can be wrapped around the plug to keep it tidy.

Sensor Features

MOULDED PLUG

The use of a moulded plug gives a robust construction as well as providing a waterproof termination.

> HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT

Type 'T' Thermocouple : ½ Class I (±0.25°C ±0.15%)

> WIDE AMBIENT TEMPERATURE SPECIFICATION TIME RESPONSE

: -50 TO 50 'C : 0.1 Secs

(96% of value in moving gas) MEASUREMENT RANGE : -100 TO 250 'C (Please note may be used for temperatures down to -100°C however insulation will become brittle at temperatures below -50°C)

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.