

Datasheet

RS Temperature Probe, T, -100 → +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 : -50 TO 50 °C

➤ TIME RESPONSE (96% of value in moving gas) : 0.1 Secs

➤ 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)