

## DATA SHEET

### TRP01 RUBBER PATCH THERMOCOUPLE SENSOR

#### TYPE 'T'

### RUBBER PATCH SENSOR - Type 'T'

#### Description

This sensor is constructed using a 1M length PFA cable with moulded silicon rubber patch. The patch is fitted with adhesive foil backing which enables the probe to be fixed to a surface.

#### Construction

1 meter of 7/0.2mm PFA type T thermocouple cable  
 Thermocouple sensing tip moulded within Silicon Patch  
 Adhesive foil backed Silicon Patch  
 Fitted with mini connector

#### Sensor Features

- GOOD RESISTANCE TO OILS AND CHEMICALS
- HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT
  - Type 'T' Thermocouple : ½ Class I (±0.25°C ±0.15%)
- WIDE AMBIENT TEMPERATURE SPECIFICATION : -50 TO 150 °C
- TIME RESPONSE (96% of value in moving gas) : 5 Mins
- MEASUREMENT RANGE : -50 TO 150 °C

#### Cross-reference for compatible instruments

Suitable instruments for use with this probe

TME PART No	DESCRIPTION	APPLICATION
MM2000	SINGLE INPUT INSTRUMENT	HIGH ACCURACY TEMPERATURE MEASUREMENT
MM2010	MAX / MIN HOLD INSTRUMENT	HIGH ACCURACY INSTRUMENT WITH MAX, MIN AND HOLD FEATURES
MM2020	DIFFERENTIAL INSTRUMENT	DUAL INPUT INSTRUMENT FOR DIFFERENTIAL MEASUREMENTS
MM2030	THERMOCOUPLE SIMULATOR	HIGH ACCURACY SIMULATOR WITH MEASUREMENT FACILITY