

DATA SHEET

KRP01 RUBBER PATCH THERMOCOUPLE SENSOR

TYPE 'K'

RUBBER PATCH SENSOR - Type 'K'

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 K 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 'K' Thermocouple : Class I (±1.5°C ±0.25%)
- **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