

DATA SHEET

KHA12 PLUG MOUNTED FLAT FOOD PROBE TYPE 'K'

PLUG MOUNTED FLAT FOOD PROBE - Type 'K'

Description

The probe is designed to monitor the temperature between cartons

Construction

Flattened Stainless Steel blade 5mm in diameter by 110mm long: Stainless Steel 316 (Food Grade)
Complete with moulded plug

Sensor Features

- **TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.**

This probe is manufactured using a two stage moulding technique. Firstly the probes are encased in tough nylon, then a thermoplastic over moulding is applied. This gives an extremely robust and durable construction with the added benefit that the assembly is waterproof.

- **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**

Type 'K' Thermocouple : Class I ($\pm 1.5^{\circ}\text{C} \pm 0.25\%$)

- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -30 TO 50 °C
- **TIME RESPONSE** (*96% of value on clean metal*) : 3.0 Secs
- **MEASUREMENT RANGE** : -100 TO 250 °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 |
| SOLO-K | COMPACT SINGLE INPUT INSTRUMENT | HIGH ACCURACY TEMPERATURE MEASUREMENT |