DATA SHEET

KHS01   PLUG MOUNTED SURFACE PROBE TYPE 'K'

PLUG MOUNTED SURFACE BAND PROBE - Type 'K'

Description

The probe is designed for the measurement of surface temperatures giving a fast response time.

NOTE: This probe only requires light pressure to give a true reading and is suitable for smooth, clean surfaces.
If used on an uneven surface, there is a risk that the band will be weakened and deformed.

Construction

Ribbon band sensor with thermocouple sensor attached and draught shield : Stainless Steel 316 (Food Grade) 4mm diameter stem 100mm long.

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　(±1.5°C ±0.25%)

➢ **WIDE AMBIENT TEMPERATURE SPECIFICATION**　　　**: -30 TO 50 °C**
➢ **TIME RESPONSE**　*(96% of value on clean metal)*　**: 0.1 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
MM2008	LEGIONELLA THERMOMETER W/ TIMER	LEGIONELLA 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
MM7000-2D	BARCODE SCANNING THERMOMETER	HANDHELD INSTRUMENT W/ BARCODE SCANNING FACILITY
MM7005-2D	BARCODE SCANNING THERMOMETER W/ USB	HANDHELD INSTRUMENT W/ BARCODE SCANNING FACILITY & USB
MM7100-2D	NEW GEN BARCODE SCANNING THERMOMETER	HANDHELD INSTRUMENT W/ BARCODE SCANNING FACILITY
MM7105-2D	NEW GEN BARCODE SCANNING THERMOMETER W/ USB	HANDHELD INSTRUMENT W/ BARCODE SCANNING FACILITY & USB