

## DATA SHEET

**KS09 MAGNETIC SURFACE PROBE TYPE 'K'****SURFACE PROBE - Type 'K'**Description

This probe uses a button magnet which can be affixed to ferrous metal surfaces. The probe is supplied complete with 2m of PTFE twin twisted cable and features a spring loaded sensor.

Construction

Surface probe with sprung loaded stainless steel sensing tip housed within a 12.5mm button type magnet.

2m PTFE twin twisted cable with mini plug. The magnet supplied has a pull force of 0.7kg

➤ **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**

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

➤ **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -50 TO 50 °C

➤ **TIME RESPONSE (96% of value on clean metal)** : 20 Secs

➤ **MEASUREMENT RANGE** : -50 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