DATA SHEET

KSM02 MAGNETIC SURFACE PROBE TYPE 'K'

SURFACE PROBE - Type 'K'

Description

This probe uses a round 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 disc with a thermocouple welded to the disc. This arrangement ensures good contact with the measurement surface.

Construction

Surface probe with sprung loaded stainless steel sensing disc housed within a 10mm round magnet. 2m PTFE twin twisted cable with mini plug connector. The magnet supplied has a pull force of 2kg

> HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT

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

- > WIDE AMBIENT TEMPERATURE SPECIFICATION
 - TIME RESPONSE (96% of valueon clean metal)
- > MEASUREMENT RANGE

: -50 TO 50 °C : 20 Secs : -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

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