

DATA SHEET

KM07 IMMERSION PROBE TYPE 'K'**IMMERSION PROBE - 4mm Type 'K'****Description**

This sensor is constructed using a waterproof stainless steel domed end sensor, this is hermetically sealed allowing the probe to be suspended within a water storage tank. The probe is supplied with 2m PTFE fine wire with moulded mini plug. Can be used for permanent measurement of sentinel points for Legionella in conjunction with TCWALLPORT.

Construction

Stainless Steel Probe 4mm in Diameter by 50mm Long: Stainless Steel 316 (Food Grade)
 Probe to wire junction sealed using waterproof adhesive lined heatshrink.
 Supplied with 2m K Type PTFE Fine Wire with Moulded Plug

Sensor Features➤ **MOULDED PLUG**

The use of a moulded plug gives a robust construction as well as providing a waterproof termination.

➤ **COMPLETE WATERPROOF CONSTRUCTION**➤ **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 250 °C

➤ **TIME RESPONSE** (*96% of value in moving gas*) : 0.1 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