

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