TCWALL-KA01-01

SINGLE INPUT THERMOCOUPLE WALL PORT WITH K TYPE INTEGRAL FINE WIRE PROBE

Description

The TCWALLPORT is a wall-mounted thermocouple temperature sensor monitoring point.
It provides an easy to use connection point between a thermometer and a thermocouple probe.

For easier installation, TME's TCWALLPORT is now available with an integral K Type Thermocouple fine wire. These integral probes are available in various lengths and also custom made lengths. Colour coded TCWALLPORT's are also available to help identify cold and hot monitoring points.

Whenever you require a measurement of the test point you can simply then plug your thermometer into the TCWALLPORT.

There is a label area on the TCWALLPORT for the application of a barcode label to allow for use with the MM7000-2D thermometer for automatic recording of temperature points.

Features

➢ **ROBUST AND SPLASH-PROOF Plastic (ABS) CONSTRUCTION**

➢ **EASY INSTALLATION**

Can be wall mounted using screws or adhesive tape

➢ **COMPACT AND UNOBTRUSIVE**

Measures just 52 x 52mm

➢ **SUPPLIED WITH AN INTEGRAL 1 METER FINE WIRE SENSOR**

Upon installation the user can choose as to whether the fine wire extends from either the side or rear of the TCWALLPORT.

➢ **FINE WIRE SENSOR DATA**

The sensor is constructed using a 1M length PTFE wire constructed as a twisted pair. The wire used is Class 1 Type K alloys (NiCr / NiAl). A weld bead is manufactured at one end of the wire.

> ➢ **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**
>
> Type 'K' Thermocouple   : Class I   (±1.5°C ±0.25%)
>
> ➢ **WIDE AMBIENT TEMPERATURE SPECIFICATION**   : -100 TO 50 °C
>
> ➢ **TIME RESPONSE**   *(96% of value in moving gas)*   : 0.1 Secs
> ➢ **MEASUREMENT RANGE**   : -100 TO 250 °C
> (Please note may be used for temperatures down to -100°C however insulation will become brittle at temperatures below -50°C)

Cross-reference for compatible products

Recommended connection cables

TME PART No	DESCRIPTION
KMPC1MP	Type K Connection Cable, 1 meter
KMPC2MP	Type K Connection Cable, 2 meter

Recommended instruments

TME PART No	DESCRIPTION	APPLICATION
MM2000	Single Input Thermocouple Thermometer	High Accuracy Temperature Measurement
MM2008	Legionella Thermometer with Timers	High Accuracy Temperature Measurement with Timers
MM7000-2D	Barcode Thermometer	Automatic Data Recording
MM2020	Dual Input Thermocouple Thermometer	High Accuracy Temperature Measurement