

## TCWALLPORT-D-KA01-01

### DOUBLE INPUT THERMOCOUPLE WALL PORT WITH INTEGRAL K TYPE FINE WIRE PROBES

#### Description

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

TME's double input TCWALLPORT allows the user to monitor two different assets with a single wall port - saving time and space. The double input WALLPORT is manufactured with two sockets and fitted with two integral K Type Thermocouple Fine Wire Probes which are available in different lengths and also custom made lengths. The wires are identified with a label for ease of installation and correspond with the sockets on the front facia as shown below:



Whenever you require a measurement of the test point you can simply 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. This area can also be used to identify the two sockets.

#### Features

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

➤ **EASY INSTALLATION**

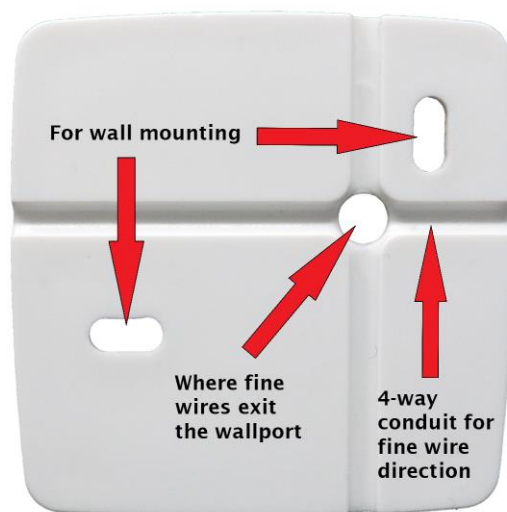
Can be wall mounted using screws or adhesive tape

➤ **COMPACT AND UNOBTRUSIVE**

Measures just 52 x 52mm

➤ **SUPPLIED WITH TWO INTEGRAL 1 METER FINE WIRE SENSORS**

The rear plate is designed with 4-way conduit. This enables the user to guide the fine wire in the correct direction for installation and ensures that when wall mounted the TCWallPort remains flush.



➤ **FINE WIRE SENSOR DATA**

The sensor is constructed using a 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 ( $\pm 1.5^{\circ}\text{C} \pm 0.25\%$ )

➤ **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  $-100^{\circ}\text{C}$  however insulation will become brittle at temperatures below  $-50^{\circ}\text{C}$ )

**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