

DATA SHEET

SHKM03-S0.5 K Type Small Handled Immersion Probe

Description

This probe uses a small handle for ease of use in confined spaces The probe is truly general purpose and may be used for gas, liquid or applications with difficult access.

Construction

Minerally Insulated Probe 3.0 mm Diameter by 100mm Long : Stainless Steel 316 (Food Grade) 05 meter straight polyurethane cable with moulded connector.

Sensor Features

- **TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.**

This probe is manufactured using a two stage moulding technique. Firstly the probes are encased in tough nylon, then a thermoplastic over moulding is applied. This gives an extremely robust and durable construction with the added benefit that the assembly is waterproof.

- **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**

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

- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -30 TO 50 °C
- **TIME RESPONSE (96% of value in water)** : 2.0 Secs
- **MEASUREMENT RANGE** : -100 TO 750 °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 |
| MM2005 | INSTRUMENT WITH HOLD | HIGH ACCURACY INSTRUMENT WITH HOLD FUNCTION |
| 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 |
| MM7000 | BARCODE SCANNING INSTRUMENT | HIGH ACCURACY INSTRUMENT WITH BARCODE SCANNING FACILITY |
| MM7005 | BARCODE INSTRUMENT USB | BARCODE SCANNING INSTRUMENT WITH USB INTERFACE |
| MM7010 | LOGGING INSTRUMENT | DATA LOGGING INSTRUMENT WITH BLUETOOTH CONNECTION |