

## DATA SHEET

### SHKS01-S0.5 K Type Small Handled Surface (Band) Probe

#### Description

This probe uses a small handle for ease of use in confined spaces. Designed for measuring surface, radiators and smooth surfaces.

#### Construction

Sensor stem is 10mm diameter at the tip and 110mm long with 0.5 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 ( $\pm 1.5^{\circ}\text{C} \pm 0.25\%$ )

- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : **-30 TO 50 °C**
- **TIME RESPONSE** (*96% of value in moving gas*) : **0.1 Secs**
- **MEASUREMENT RANGE** : **-100 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                    |
| 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        |