

## DATA SHEET

### QCKM08 QUICK CONNECT TYPE 'K' GENERAL PURPOSE PROBE

#### GENERAL PURPOSE PROBE - 4.0 mm Type 'K'

##### Description

Terminated using a moulded terminal block with screws for quick connection to sensor wire. The probe is truly general purpose and may be used for gas, liquid or applications with difficult access.

##### Construction

Minerally Insulated Stainless Steel Probe 4.0 mm Diameter by 300 mm Long : Stainless Steel 316 (Food Grade)  
Waterproof High Temperature Polypropylene Terminal Block  
Complete waterproof assembly.

##### **Sensor Features**

- **TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.**  
Offering high resistance to excess heat and greater protection from damage
- **WATERPROOF TERMINAL BLOCK**  
Probe is completely waterproof
- **HIGH TEMPERATURE POLYPROPYLENE TERMINAL BLOCK**  
Fitted with screws for quick connection to sensor wire
- **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 water)** : 3.0 Secs
- **MEASUREMENT RANGE** : -200 TO 1100 °C