

## DATA SHEET

### QCTM05 QUICK CONNECT TYPE 'T' GENERAL PURPOSE PROBE

#### GENERAL PURPOSE PROBE - 6.0 mm Type 'T'

##### 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 6.0 mm Diameter by 100 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 'T' Thermocouple : ½ Class I (±0.25°C ±0.15%)

➤ **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -30 TO 50 °C

➤ **TIME RESPONSE (96% of value in water)** : 1.0 Secs

➤ **MEASUREMENT RANGE** : -200 TO 400 °C