T.M.Electronics (UK) Ltd Technical Data

DATA SHEET

QCKM01 QUICK CONNECT TYPE 'K' GENERAL PURPOSE PROBE

GENERAL PURPOSE PROBE - 1.5 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 1.5 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 'K' Thermocouple : Class I (±1.5˚C ±0.25%)

- **WIDE AMBIENT TEMPERATURE SPECIFICATION : -30 TO 50 ˚C**
- **TIME RESPONSE *(96%of value in water)* : 1.0 Secs**
- **MEASUREMENT RANGE : -200 TO 1100 ˚C**