DATA SHEET

KA01 FINE WIRE (PTFE) THERMOCOUPLE SENSOR

TYPE ‘K’

FINE WIRE SENSOR - Type ‘K’

Description
This sensor is constructed using a 1M length PTFE wire constructed as a twisted pair. The wire used is Class 1 Type K alloys (NiCr / NiAl). A weld bead is manufactured at one end of the wire whilst the other end is terminated in a moulded miniature thermocouple plug.

Sensor Features

- MOULDED PLUG
  The use of a moulded plug gives a robust construction as well as providing a waterproof termination.

- HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT
  Type ‘K’ Thermocouple : Class I (±0.5°C ±0.25%)

- WIDE AMBIENT TEMPERATURE SPECIFICATION : -50 TO 250 °C
- TIME RESPONSE (96% of value in moving gas) : 0.1 Secs
- MEASUREMENT RANGE : -50 TO 250 °C

Cross-reference for compatible instruments

Suitable instruments for use with this probe

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