

KTA SERIES THERMOCOUPLE AMPLIFIER



TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--|
| Range | -100°C to +1150°C |
| Sensor Input | Type 'K' Thermocouple |
| Supply Voltage | 5V |
| Current | 25mA Maximum |
| Output Voltage | 0.4V @ 0°C |
| Output Voltage Gain | 4mV / °C |
| Accuracy | ±1% of Reading +2°C |
| Operating Temperature Range | 0 to +70°C |
| Electrical Connection (Input) | Miniature 'K' Type Connector |
| Electrical Connection (Output) | 100cm 26AWG, 55spec Wire + DR25 Sleeve |
| Mechanical Dimensions (mm) | 45 x 24 x 13 (Approximate) |

PART NUMBER CONFIGURATOR

| | | | | | | | |
|--------------------------|--|--------------|----------------------|---|----------------------|-----|----------------------|
| | | KTA - | <input type="text"/> | - | <input type="text"/> | - | <input type="text"/> |
| Measurement Range | | | | | H | | |
| Cable Length | 100cm 26AWG, 55spec Wire + DR25 Sleeve | | | | | 100 | |
| Special Code | | | | | None | | 000 |

The KA configuration tool is used to specify a standard KA Sensor, other options are available.

CONNECTION DETAILS

| +5V Supply | 0V Supply | +Signal |
|------------|-----------|---------|
| Red | Black | White |

KA Sensors adopts a continuous development program which sometimes necessitates specification changes without notice.

Sensors For Motorsport

Features

- Amplifier to the KTC Thermocouple
- -100°C to +1150°C Range
- 25mA Maximum Current

Applications

- Air
- Coolant
- Exhaust Gas
- Oil
- Surface Temp
- Thermal Profiles

Contact us

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