



KTA SERIES THERMOCOUPLE AMPLIFIER

TECHNICAL SPECIFICATIONS

Range	-150°F to +2100°F
Sensor Input	Type 'K' Thermocouple
Supply Voltage	5V
Current	25mA Maximum
Output Voltage	0.4V @ 32°F
Output Voltage Gain	2mV / °F
Accuracy	±1% of Reading +4°F
Operating Temperature Range	0° to +155°F
Electrical Connection (Input)	Miniature 'K' Type Connector
Electrical Connection (Output)	40" 26AWG, 55spec Wire + DR25 Sleeve
Mechanical Dimensions (inches)	1.8" x 0.95" x 0.5" (Approximate)

PART NUMBER CONFIGURATOR

KTA - - -

Measurement Range -150°F to +2100°F H
Cable Length 40 inches 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

Sensors For Motorsport

Features

- KTC Amplifier
- -150°F to 2100°F
- 25mA Max Current

Applications

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

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