

## SLICE Thermocouple Adaptor Easy Thermocouple Connection for All SLICE Systems

### APPLICATIONS

- Automotive safety
- Biomechanics
- Durability testing
- Embedded monitoring
- Helicopter & aircraft
- Package testing: truck, air, ship & rail
- Ride & handling
- Sports & safety equipment
- Vibration testing

### PRODUCTS

Diversified Technical Systems designs and manufactures data acquisition systems and sensors for the experienced test professional.

### TECH CENTERS

Novi, Michigan USA  
Sydney, Australia  
Zorge, Germany  
Tokyo, Japan

### HEADQUARTERS

Seal Beach, California USA

### CONTACT US

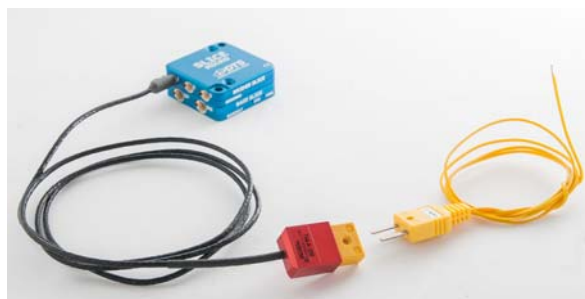
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Extremely compact and ruggedized, the THA Thermocouple Adaptor offers a complete solution to integrating temperature data with other acquired signals using all DTS SLICE data acquisition systems. (Thermocouple not included)

### Features

- Supports Type K thermocouples
- Built-in cold junction compensation
- Available in two temperature ranges:  
0°C to 1250°C  
-100°C to 400°C
- Durable aluminum housing, 500 g shock-rated
- Uses standard miniature 2-spade thermocouple connector
- Integrated 1 m cable with connectors
- Easy set-up using sensor ID
- Works with SLICE NANO, SLICE MICRO and SLICE PRO



Collecting thermocouple data with SLICE data acquisition systems is now a simple plug-n-play operation with the THA Thermocouple Adaptor by Texense. Using a standard miniature thermocouple connector and sensor ID, the adaptor makes it easy and convenient to connect thermocouples to SLICE NANO, SLICE MICRO and SLICE PRO.

Supports Type K Thermocouples.



### Specifications

#### PHYSICAL

Dimensions:	32.5 x 19 x 10 mm (1.3 x 0.75 x 0.4")
Weight:	15 grams (0.5 oz)
Housing:	Aluminum
Connector:	Miniature, flat 2-pin (at TC junction)

#### ENVIRONMENTAL

Operating Temp.:	0°C to 100°C
Shock:	500 g
Protection:	IP53

#### PERFORMANCE

Thermocouple Type:	K
Range:	THA-K-400 -100°C to 400°C THA-K-1250 0°C to 1250°C
Drift vs. Ambient Temp:	0.5°C
Cold Junction Error:	± 1%
Accuracy*:	THA-K-400 -100°C to -50°C; ± 2°C -50°C to +350°C; ± 1°C +350°C to +400°C; ± 3°C THA-K-1250 0°C to +1100°C; ± 5°C +1100°C to +1250°C; ± 10°C

\*Accuracy specifications for THA Adaptor only



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Specifications subject to change without notice.  
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