

# Temperature-to-Analog Converter Battery or AC Powered

## TAC80B Series

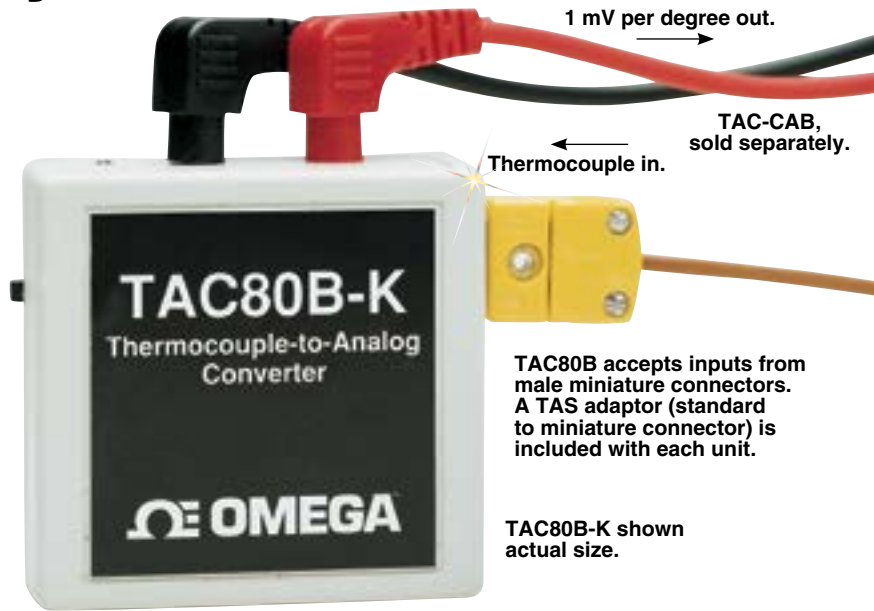


- ✓ Linear 1 mV per Degree Output from Thermocouples
- ✓ °C/°F Switchable
- ✓ Battery or AC Powered
- ✓ Mates to Male and Female Standard Banana Plugs
- ✓ Integral Cold Junction Compensation
- ✓ RoHS 2 Compliant

The TAC80B temperature linearizer accepts the input signal from a thermocouple and outputs a linear 1 mV/degree analog signal for use with recorders and other instruments. TAC80B models operate using a 9V battery (included) and may be AC powered using the optional TAC80B-AC adaptor.

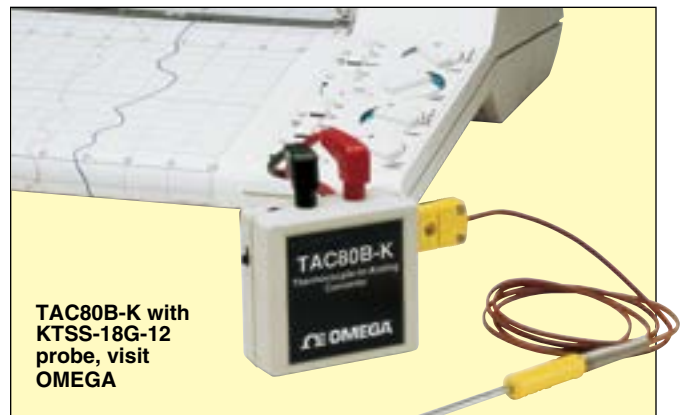
### Specifications

**Dimensions:**  
57 H x 71 W x 25 mm L  
(2.25 x 2.4 x 1")



TAC80B accepts inputs from male miniature connectors. A TAS adaptor (standard to miniature connector) is included with each unit.

TAC80B-K shown actual size.



To Order			
Model No.	Input Type	Range	Accuracy
TAC80B-J	<b>J</b> Iron-Constantan	-20 to 600°C (-4 to 1112°F)	±3.0°C (±5.4°F)
TAC80B-K	<b>K</b> CHROMEGA™-ALOMEGA™	-20 to 1000°C (-4 to 1832°F)	±4.0°C (±7.2°F)
TAC80B-T	<b>T</b> Copper-Constantan	-20 to 300°C (-4 to 572°F)	±1.6°C (±3.0°F)

### Accessories

Model No.	Description
TAC80B-AC	115 Vac adaptor
TAC80B-AC-230V	230 Vac adaptor
TAC-CAB	Extension cable with 914 mm (36") leads (banana to banana)
TAC80B-BJ	In-line banana plug

Comes complete with SMP male input connector, standard-to-miniature connector adaptor, 9V battery and operator's manual.  
Ordering Example: TAC80B-K, temperature-to-analog converter.