

Thermocouple-to-Analog Converter

TAC-386
\$162
 Battery Included



- ✓ **Linearized and Compensated to 1 mV/°C or °F**
- ✓ **±4°C (7°F) Accuracy**
- ✓ **Low Power Consumption**
- ✓ **Accepts Miniature and Subminiature Connectors**
- ✓ **Integral Cold-Junction Compensation**

The OMEGA® TAC-386 can turn any chart recorder or voltmeter into an accurate temperature measuring instrument. This universal thermocouple amplifier and linearizer provides a precision 1 mV/°C or °F for J, K, or T thermocouples. Cold-junction compensation is standard.

Specifications

Ranges:

J: -105 to 750°C (-157 to 1382°F)

K: -20 to 1200°C (-40 to 2192°F)

T: -86 to 350°C (-123 to 662°F)

Power: 9 V alkaline battery (Model number MN1604)

Accuracy: ±4°C (7°F)

over entire range

Response Time: 2 to 3 seconds

Reference Junction Stability: 0.05°C/°C

Input Connection: Miniature thermocouple connector type, SMP

Output Connection: Standard banana jack, 19 mm (¾") spacing

Operating Temp:

0 to 50°C (32 to 122°F)

Storage Temp:

0 to 65°C (32 to 149°F)

Dimensions:

63.5 W x 76.2 D x 50.8 mm H (2½ x 3 x 2")

OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

Convert any Millivolt Recorder or Meter to Read Temperature!

An OMEGA WHITE BOX® PRODUCT



ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
TAC-386-J(+)	\$162	Type J thermocouple input, range: -105 to 750°C (-157 to 1382°F)
TAC-386-K(+)	162	Type K thermocouple input, range: -20 to 1200°C (-40 to 2192°F)
TAC-386-T(+)	162	Type T thermocouple input, range: -86 to 350°C (-123 to 662°F)
TAC-CAB	8	Cable kit with mating banana plugs
MN1604	3	Replacement 9 V alkaline battery

* Specify degree °C or °F. Unit includes transition adaptor (TAS), complete operator's manual and beaded wire thermocouple with subminiature connector. See Section A for additional matching thermocouple probes.

Ordering Example: TAC-386-TC, thermocouple-to-analog converter in °C, Type T, \$162. OCW-3 OMEGACARESM extends standard 1-year warranty to a total of 4 years (\$41), \$162 + 41 = \$203.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
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Karviná, Czech Republic
596-311-899

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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters