

Wireless Thermocouple and RTD Probe/Transmitter Assemblies For Industrial Applications



UWTC-NB9 Series Starts at **\$195**



FCC/Industry Canada Approved



For Available Receivers, See Pages W-19 to W-26

UWTC-NB9-CASS-18U-12, \$195, shown smaller than actual size.

- ✓ Transmit Temperature Data Wirelessly to Your Computer or the Internet
- ✓ Complete Industrial Assembly
- ✓ Transmit up to 120 m (400')
- ✓ Included Software Converts a PC into a Multi-Channel Chart Recorder or Data Logger
- ✓ Each Wireless Connector Transmits Sensor Temperature, Ambient Temperature, Signal Strength and Battery Status in Real Time
- ✓ Low Power Operation, Sleep Mode for Long Battery Life
- ✓ Compatible with UWTC-REC Wireless Receivers

The OMEGA® wireless thermocouple and RTD industrial probe assemblies feature a complete, ready to install, pre-wired sensor and wireless transmitter package. Built into the NB9 glass reinforced Nylon head is a wireless transmitter that can transmit temperature readings back to a host receiver up to 120 m (400') away. The probes transmit the measured temperature, along with the head ambient temperature, RF signal strength and battery condition to a remote host, such as the UWTC-REC Series. You can program the UWTC-NB9 to transmit your data at rates from every two seconds (30/min) to every 2 minutes. See page W-27 for complete specifications.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
UWTC-NB9-(*)-(**)U-6	\$195	Wireless thermocouple-probe assembly, 152 mm (6") ungrounded probe
UWTC-NB9-(*)-(**)U-12	195	Wireless thermocouple-probe assembly, 304 mm (12") ungrounded probe
UWTC-NB9-(*)-(**)U-18	205	Wireless thermocouple-probe assembly, 457 mm (18") ungrounded probe
UWTC-NB9-(*)-(**)U-24	205	Wireless thermocouple-probe assembly, 610 mm (24") ungrounded probe
UWRTD-NB9-(*)-(**)12	195	Wireless RTD-probe assembly, 304 mm (12") probe
UWRTD-NB9-(*)-(**)24	205	Wireless RTD-probe assembly, 610 mm (24") probe
UWTC-BATT-C	25	Replacement battery, 3.6V lithium battery assembly (one included)

INPUT AND SHEATH OPTIONS

ORDER CODE	INPUT TYPE	SHEATH
ICIN	J Iron	Inconel®
ICSS	Constantan	304 SS
CAIN	K CHROMEGA®	Inconel
CASS	ALOMEGA®	304 SS
CXIN	E CHROMEGA®	Inconel
CXSS	Constantan	304 SS
CPIN	T Copper	Inconel
CPSS	Constantan	304 SS
NNIN	N	Inconel
1PT304	RTD, Pt100	304 SS
1PT316	Ω 0.00385	316 SS
2PT304	RTD, Pt100	304 SS
2PT316	Ω 0.00392	316 SS

Note: USB programming cable, and FREE measurement and data logging software are both included with compatible UW Series wireless receivers and transceivers.

* Specify input type and sheath material, see Input and Sheath Options chart at left.

** Specify probe OD: 116 (1/16"), 18 (1/8"), 316 (3/16"), or 14 (1/4").

Comes complete with transmitter protection head, integral probe, 3.6V lithium battery assembly and operator's manual.

Ordering Examples:

UWTC-NB9-CAIN-316U-12, wireless thermocouple probe assembly, Type K, inconel sheath, 4.76 mm (3/16") OD, ungrounded junction, 304 mm (12") length, \$195, and **UWTC-REC1**, USB powered wireless receiver, \$195 + 225 = \$420.

UWRTD-NB9-1PT304-14-24, wireless RTD probe assembly, 100 Ω, 0.00385 RTD, 6.35 mm (1/4") OD 304 SS sheath, 610 mm (24") length, and **UWTC-REC1**, USB powered wireless receiver, \$205 + 225 = \$430.

Please contact OMEGA for Type K probes with OMEGACLAD® XL sheath, or for ordering information for types R, S, B and C thermocouples.



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www.omega.com
1-800-TC-OMEGA
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More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• 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