

# RTD-to-Wireless Connector/ Converter System

For (Pt100) Sensors—The Smart Connector™



TA4F mating connector.

as of Aug 1 2017



**Product Discontinued**

**PATENTS PENDING**

**Additional Receivers Available**

## UWRTD Series



- ✓ Transmit Temperature Data Wirelessly to Your Computer or the Internet
- ✓ Use with 3-Wire 100 Ω, 0.00385 or 0.00392 Curve Pt RTD Sensors
- ✓ Each Wireless Connector Transmits RTD 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. Create 32- or 48-Channel Wireless Systems
- ✓ Included Software Converts a PC into a Multi-Channel Chart Recorder or Data Logger

The OMEGA® RTD-to Wireless Connector/Converter System features stand-alone, compact, battery-powered RTD connectors that transmit their readings back to a host receiver up to 120 m (400') away. Both units can be programmed in the field to accept 0.00385 or 0.00392 curve 3-wire, 100 Ω, Pt RTDs, so they can wirelessly transmit the measured temperature, along with the connector ambient temperature, RF signal strength and battery

UWRTD-2 shown smaller than actual size.

condition to a remote host, such as the UWTC-REC Series. You can program the UWRTD to transmit your data at intervals from every 2 seconds to every 2 minutes. Data received by the UWTC-REC can be received and displayed on your computer, using the TC Central software included with each unit. TC Central software can turn your PC into a strip chart recorder or data logger so readings can be saved and later printed or exported to a spreadsheet file.



Standard receptacle includes mating connector model TA4F. Order a spare.

UWTC-REC receivers, sold separately, work with up to 48 UWRTD transmitters, and displays/logs the data to your PC or network.



RTD input



Laptop not included.



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



To Order	
Model No.	Description
UWRTD-1*	RTD-to-wireless connector/converter, standard distance [60 m (200')]
UWRTD-2	RTD-to-wireless connector/converter, extended distance [120 m (400')]
UWTC-ANT-LR	Optional high performance antenna
UWTC-BATT	Replacement battery for UWRTD-1, UWRTD-2, 3.6V, "AA" lithium
UWTC-CABLE	Spare programming cable (included with receiver)
TA4F	Additional mating connector

**Note:** Because of transmission frequency regulations, these products may only be used in the US, Canada, Europe and China. \*UWRTD-1 may not be used in China.

Comes complete with a 3.6V "AA" battery, programming software, measurement/data logging software, mounting bracket, TA4F mating connector and operator's manual.

**Ordering Example:** UWRTD-2, RTD-to-wireless connector/converter with 120 m (400') wireless range. OCW-3, OMEGACARE™ extends standard 1-year warranty to a total of 4 years.