



# SANITARY TEMPERATURE SENSORS

## Wireless RTD Transmitter For Use in Sanitary/Washdown Applications

UWRTD-S-2  
Starts at  
**\$275**

FCC/Industry  
Canada  
Approved

For Sanitary,  
Washdown, Marine  
Applications



- ✓ Transmit Temperature Data Wirelessly to Your Computer or the Internet
- ✓ Water Tight White Polypropylene Housing with Industry Standard M12 Connector
- ✓ Designed for 3-Wire Pt100 RTD Probe Input and Accuracy (4-Wire Compatible)
- ✓ Transmit Up to 120 m (400')
- ✓ Includes Software to Convert a PC into a Multichannel Chart Recorder or Data Logger
- ✓ Each Unit 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
- ✓ Works with Every OMEGA® UWTC Series USB or Web Enabled Ethernet Receiver and Wi Series Meter/Controller/Scanner and DIN Rail Receivers



Includes mounting bracket and 2 m (6.5') M12 female sensor cable shown.



Works with all OMEGA UWTC Series wireless receivers, Visit [omega.com/uwtc](http://omega.com/uwtc)

UWRTD-S-2, \$275, shown smaller than actual size.



PRS-3-100-A-H-0300-D1-M12, \$140, shown smaller than actual size.

See page 7 or visit [omega.com/prs-3-100-m12](http://omega.com/prs-3-100-m12) for sanitary RTD probes with M12 male connectors.

The new OMEGA® UWRTD-S-2 wireless temperature transmitter features a standalone, compact, battery powered wireless RTD transmitter that can communicate with a remote host receiver up to 120 m (400') away. Each unit can be programmed in the field for either Pt100 (0.00385) or 0.00392 curve operation. You can also program the transmission rate, from 2 sec to 2 min. The UWRTD-S-2 transmits the probe reading, along with ambient temperature, RF signal strength and battery condition. This data can be displayed on a PC in real time, using the TC Central software included with each unit. Interface up to 48 different wireless transmitters with one receiver.

### Specifications

(See page 44 or visit [omega.com/uwrtd-s-2](http://omega.com/uwrtd-s-2) for complete specifications)

**RTD Connection:** Standard 4-wire M12 connection cable included; 2 m (6.5') PVC insulated cable with a M12 male and female connector at the ends.

**Battery:** Two 1.5V lithium (AA) field replaceable (included) 1.5 yrs life at 1 sample/minute reading rate @ 25°C (77°F)

**Housing Material:** White polypropylene

**Dimensions:** 51 D x 147 mm L (2 x 5.78")

**Mounting:** Direct connection to probe or sensor (mounting bracket included)

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
UWRTD-S-2	\$275.00	Wireless RTD transmitter, polypropylene housing, M12 connection
MN1500-L	6.90	Two "AA" 1.5V lithium replacement batteries for UWRTD-S-2
UWTC-CABLE	5.00	Programming cable (included with UWTC-REC units)

Comes complete with two 1.5V lithium batteries, mounting bracket and 2 m (6.5') M12 sensor cable.

Ordering Example: UWRTD-S-2, wireless RTD transmitter, with UWTC-REC1, 48 channel wireless receiver, visit [omega.com/uwtc](http://omega.com/uwtc), \$275 + 225 = \$500.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## 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