

# Wireless RTD Transmitter

## For Use in Sanitary/Washdown Applications

UWRTD-S-2



- ✓ Transmit Temperature Data Wirelessly to Your Computer or the Internet
- ✓ Water Tight White Polypropylene Housing with Industry Standard M12 Connector
- ✓ Compatible with 3 and 4-Wire Pt100 (0.00385) and 0.00392 Curve RTD Probes
- ✓ 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, Wi Series Meter/Controller/Scanner and DIN Rail Receivers—Create 32 or 48-Channel Wireless Systems



Works with all UWTC Series wireless receivers.

UWRTD-S-2 shown smaller than actual size.



Sanitary RTD probes with M12 connectors available.

Includes mounting bracket and sensor cable shown.

The new 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; the UWRTD-S-2 is compatible with both 3 and 4-wire 100 Ω Pt RTDs. You can also program the transmission rate, from 1 to 30 samples per minute (every 2 to 60 sec). 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.

### Specifications

- RTD Connection:** Standard 4-wire M12 connection cable included; 2 m (6.5')
- Battery:** Two 1.5V lithium ("AA") field replaceable (included) 1.5 years life at 1 sample/minute reading rate @ 25°C (77°F)
- Housing Material:** White polypropylene
- Dimensions:** 51 D x 165 mm L (2 x 6.5")
- Mounting:** Direct connection to probe or sensor (mounting bracket included)

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

Comes complete with two 1.5V lithium batteries, mounting bracket and M12 sensor cable.  
**Ordering Example:** UWRTD-S-2, wireless RTD transmitter, with UWTC-REC1, 48 channel wireless receiver.