Wireless RTD Transmitter
For Use in Sanitary/Washdown Applications

UWRTD-S-2

1 YEAR WARRANTY CE

FCC/Industry Canada Approved

Works with all OMEGA® UWTC Series wireless receivers.

UWRTD-S-2 shown smaller than actual size.

✔ **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**

Sanitary RTD probes with M12 connectors available.

Includes mounting bracket and sensor cable shown.

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; 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.*