Wireless Output Modules, Repeaters and Receivers are designed to work with Series WTP Wireless Temperature Sensors. Receivers can be ordered to accept the 418 MHz directly from the sensors or 900 MHz from a repeater. Repeaters expand the distance between the sensors and the output modules from 100 feet up to more than 1000 feet.

Output modules are available with current, voltage, resistive thermistor or relay contact outputs. Since the output module plugs directly into the receiver, the communications signal and the supply power do not require any wiring which saves installation time and labor costs. The integral mounting tabs allow for the output modules to be DIN rail mounted or surface mounted.

Wireless products are intended for use in U.S. territories, Canada and Mexico only.

### SPECIFICATIONS

#### Repeaters and Receivers
- **Supply Voltages:**
  - Repeaters and 900 MHz receivers: 9 to 15 VDC; 418 MHz receivers: 9 to 30 VDC/17 to 31 VAC.
- **Power Consumption:**
  - Repeaters: 150 mA max; 900 MHz receivers: 80 mA max; 418 MHz receivers: 20 mA max.
- **Maximum Output Modules Per Receiver:** 127.
- **Outputs:**
  - Repeaters: 900 MHz @ 100 mW; Receivers: RS-485.
- **Temperature Limits:** 32 to 140°F (0 to 60°C).
- **Humidity Limits:** 5 to 95% (non-condensing).
- **Housing Material:** ABS UL 94V-0 plastic.
- **Weight:**
  - Receiver: 7.6 oz (215 g);
  - Repeater: 9.1 oz (257 g).
- **Agency Approvals:** RoHS.

#### Output Modules
- **Supply Voltages:**
  - Thermistor, Relay, 0 to 5 VDC models: 9 to 30 VDC/17 to 31 VAC; 0 to 10 VDC models: 15 to 30 VDC/17 to 35 VAC; Current models: Loop powered 9 to 36 VDC.
- **Power Consumption:**
  - Thermistor, 0 to 5 VDC models: 3 mA max DC; 0.1 VA max AC; Relay models: 15 mA max (relay on); Current models: 20 mA max.
- **Temperature Limits:** Ambient: 32 to 140°F (0 to 60°C).
- **Humidity Limits:** Ambient: 5 to 95% (non-condensing).
- **Output:**
  - Thermistor: 35 to 120°F (1 to 50°C) 10K Type II or 10K Type III (depending on model);
  - Relay: 40 V, 150 mA max;
  - Voltage: 0 to 5 VDC or 0 to 10 VDC (depending on model);
  - Current: 4 to 20 mA.
- **Output Resolution:** 10 bit (voltage), 12 bit (current), 40Ω (resistance).
- **Housing Material:** ABS UL 94V-0 plastic.
- **Weight:** 1.9 oz (54 g).
- **FCC Approval:** FCC ID# T4F06811RH.
- **Agency Approvals:** RoHS.