The Series WM-P Wireless Repeaters are designed to work with Series WHP and Series WTP wireless humidity and temperature sensors and Series WM 900 MHz receivers. The repeaters accept the 418 MHz signal from the transmitting device and converts it to a 900 MHz signal to send to the receiver. Repeaters are used in applications where the normal 100 foot wireless sensor range is not enough. They can expand the measurement range of the wireless sensors to more than 1000 feet.

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

MOUNTING
Mount the repeater within 100 feet (30.5 meters) of the 418 MHz transmitting device. The input antenna (418 MHz) should be mounted to a nonconductive surface or can be left to dangle in the air. Secure the antenna so that no mechanical stress is presented to the repeater.

The transmitting antenna (900 MHz) is shipped loose and should be connected by turning the antenna nut onto the repeater’s fitting. The repeater should be within 1000 feet (305 meters) of the 900 MHz receiver.

Repeaters can be mounted to a flat surface, snaptrack or 35 mm DIN rail. If securing to a surface, use #4 type screws to secure the repeater.

NOTICE
If the repeater is mounted inside a metal enclosure, mount the antennas outside of the enclosure.

TERMINATIONS
The repeater is powered by 9 to 15 VDC. Connect the terminal labeled “-” to the power supply’s ground. Connect the terminal labeled “+” to the positive power supply terminal.

SPECIFICATIONS
Supply Voltages: 9 to 15 VDC.
Power Consumption: 150 mA max.
Outputs: 900 MHz @ 100 mW.
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: 9.1 oz (257 g).
Agency Approvals: RoHS.

TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Possible Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power LED does not light</td>
<td>Make sure that power is plugged into unit and that it is turned on.</td>
</tr>
<tr>
<td>Transmissions not getting through</td>
<td>Make sure that the transmitters and receiver are powered up and operating properly. Make sure that the repeater is within range of the transmitter and receiver.</td>
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</tbody>
</table>

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