

MODEL PA122 - Quick Installation Guide

Before you begin

This sensor is a standard 10K thermistor intended for pool and spa equipment pads. Use only with an automation system that supports this sensor type. Follow its manual along with these instructions. Each sensor measures one location; use separate sensors for separate inputs.



⚠ WARNING ELECTRICAL SHOCK AND PRESSURIZED WATER

Electrical shock or release of pressurized water can cause serious injury or death. Have a qualified pool/spa technician install this sensor.

- *Disconnect power to the automation system and related equipment at the circuit breakers before installation or service. Never connect sensor wires to line voltage. Keep low-voltage wiring separate from high-voltage wiring.*
- *Before removing a water sensor, drilling plumbing, or adjusting the sensor clamp, stop the pump, prevent automatic restart, isolate plumbing as needed, and release all system pressure according to the equipment manufacturer's instructions.*

1) Mount the Sensor

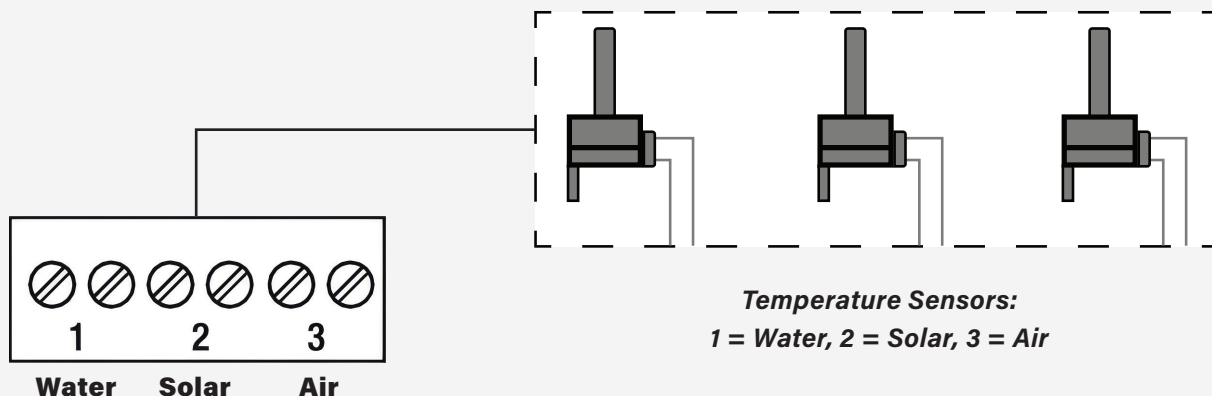
WATER: Install between the filter pump and filter, unless the system manual specifies otherwise. Remove the old sensor or drill a 3/8-inch hole for a new installation; remove burrs and debris. Seat the O-ring, insert the probe, and secure with the supplied hose clamp. Tighten only enough to hold and seal the sensor. **Do not overtighten.**

AIR: Secure outside the control enclosure in a shaded location with free airflow, away from direct sunlight, air conditioner exhaust, heaters, and other heat sources.

SOLAR: Secure the sensor near the solar collectors where it receives the same sunlight exposure as the collectors. Follow the automation system and solar collector manufacturers' instructions for placement.

2) Connect to the Automation System

With power off, route and secure the cable through the designated low-voltage pathway, away from sharp edges, heat, and moving equipment. Connect to the **WATER, AIR, or SOLAR** sensor input as applicable. Follow the system manual for terminal locations and wire preparation. **The wires have no polarity: either wire connects to either terminal of the selected sensor input.**



3) Check Operation

Have a qualified pool/spa technician install the sensor. Turn off power to the automation system and related equipment at the circuit breakers before work. Never connect sensor wires to line voltage. Keep low-voltage wiring separate from high-voltage wiring. For water installation, stop the pump, isolate plumbing to prevent draining, and release system pressure according to the equipment instructions before opening or drilling the pipe.

LIMITED WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at www.Intermatic.com. This warranty is made by: Intermatic, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: <http://www.Intermatic.com> or call 815-675-7000.