



# POOL AND SPA SENSORS

Pool and spa temperature sensors operate in harsh environmental conditions: they are often exposed to moisture, temperature swings and corrosive elements. Many sensor manufacturers try to protect their sensors by using seals or mechanical coatings. However, the temperature variations and corrosion often break down the seals and coatings, which leads to moisture reaching the sensing element (moisture ingress) and ultimately ends in sensor failure.

QTI Sensing Solutions has specifically developed waterproof temperature sensors to overcome harsh environmental conditions and moisture ingress. Our rugged and reliable QTIP68 has no seals or coatings for moisture to enter by. For customers looking for faster thermal response time, QTI created the QTSSP swage probe. Both sensors are waterproof to IP68 rating.

## POOL & SPA SENSOR FEATURES

- QTIP68 and QTSSP sensors waterproof to IP68 rating. Other sensors water resistant
- Compatible with all major heater and controller brands
- Accuracy to 0.10°C able to be specified
- Resistance values able to be specified
- Made from UV-resistant materials
- Corrosion resistant

## POOL AND SPA SENSORS

**QTIP68 Hydroguard:** Rugged and reliable, the QTIP68 sensor is able to weather tough environments without moisture ingress.

- Waterproof to IP68 rating
- Ruggedized housing and cable
- Optional clip mount for easy installation on copper tubing
- Resistance values and thermistor curves able to be specified



**QTSSP Swage:** The waterproof QTSSP sensor excels in tough environments where thermal response time is critical.

- Waterproof to IP68 rating
- Robust sensor for a broad range of sensing applications
- Swaged end provides cable strain relief and increased moisture resistance
- Optional clip mount for easy installation on copper tubing



**QT06024A and QT06024B:** These water resistant sensors are ideal for use in humid environments.

- Operating temperature range: -40°C to 80°C
- Made from molded plastic
- Available as a ring lug or pipe mount



**QT06005 Series:** Closed-end tube probes are useful for a variety of temperature measurement applications.

- Versatile and robust
- Tube size and material able to be specified



**QT06001 Series:** These sensors are available in a variety of sizes and materials. They feature multi-purpose, high-pressure designs.

- Housing size and material able to be specified
- Available with straight threads and with or without O-rings
- Rugged, high-pressure design



*QTI is a privately-held manufacturer of temperature sensors and assemblies. Founded in 1977, we have grown to be the trusted temperature sensor supplier for many world leaders in equipment manufacturing. QTI Engineering would be happy to discuss your temperature application with you and work to develop a custom solution to your temperature sensing needs.*

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Sensing Solutions