



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 QT06042 Series swage probe. Both sensors are waterproof to IP68 rating.

Pool & Spa Sensor Features

- QTIP68 and QT06042 Swage Series sensors are waterproof to IP68 rating. Other sensors are 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

Hydroguard QTIP68: 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



QT06042 Series: These waterproof sensors excel 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



QT06032 Series: These sensors are custom designed for water temperature measurement and control. These sensor assemblies pass all of our internal HALT testing platforms to ensure long term performance in the field.

- Custom molded plastic housings resist corrosion
- Plastic compositions engineered to meet application-specific requirements
- Internal construction designed to prevent sensor failure due to moisture



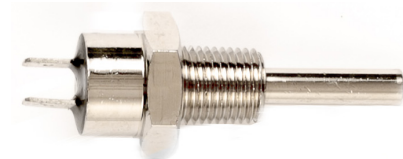
QT06005 Series: Closed-end tube probes are useful for a variety of temperature measurement applications.

- 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 the unparalleled leader in world-class temperature sensing technology with over 40 years of proven expertise for the most demanding customers in the world. We custom-engineer the industry's most reliable temperature sensors for mission-critical applications. As a true business partner, we deliver beyond the products we make as we relentlessly pursue excellence in everything we do. Contact us to discuss your temperature sensing needs today.

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