

# Sump Temperature Sensor

## Overview

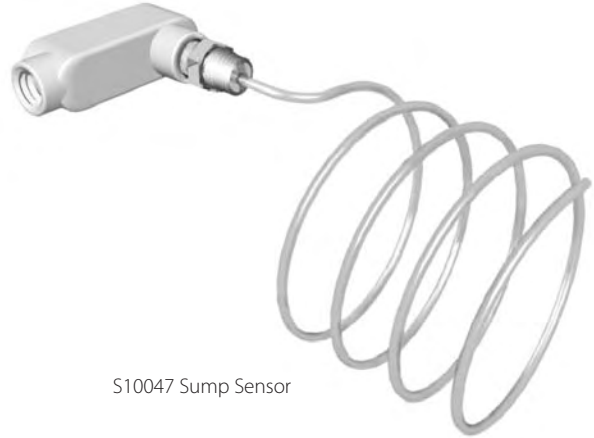
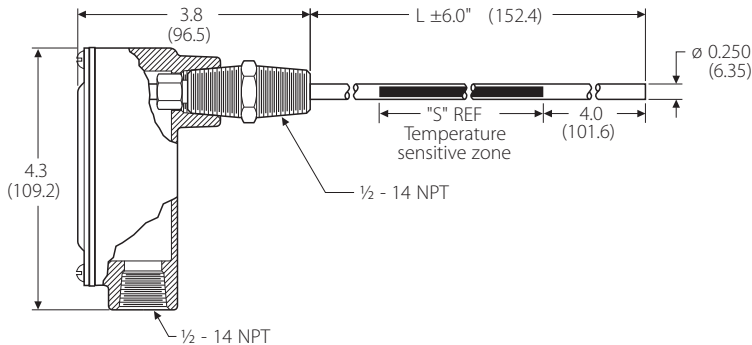
- Monitor water or chemical solution temperature in cooling tower sumps and storage tanks
- True continuous averaging sensor eliminates errors due to temperature stratification
- Stainless steel case is rugged and impervious to most chemicals
- Bend or manipulate the probe to accommodate a variety of sump and tank designs
- Specify the overall probe length and the length of the temperature-sensitive zone to fully immerse the sensitive zone in liquid
- NEMA 4 weatherproof connection head
- See page 5-2 for optional 4 to 20 mA temperature transmitters

## Specifications

**Temperature range:** -50°F to 275°F (-45°C to 135°C).

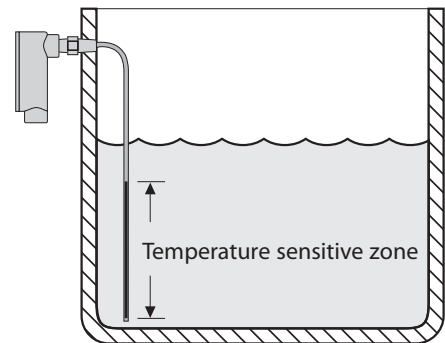
**RTD Probe:** 100  $\Omega$  platinum equivalent, 0.00385 TCR element in a 304 stainless steel bendable case. Also available in 1000  $\Omega$  resistance.

## Dimensions in inches (millimeters):



S10047 Sump Sensor

**Leads:** AWG 22, Teflon insulated, 8 inches in length.



## Specification and order options

S100479	Model Number
PE	100 $\Omega$ platinum curve RTD
12	Insertion length L in feet: Standard lengths = 6, 12, 18, 24
Z	Number of leads: Y = 2 leads Z = 3 leads
6	Temperature-sensitive zone length S in feet: Standard lengths = 3, 6, 9, 12
S100479PE12Z6 = Sample part number	

Specifications subject to change