

# Solar-Powered Thermometers For Bi-Metal and Glass Thermometer Stem Applicators

- ✓ Self-Powered with Ten Lux Rating
- ✓ Capable of Handling Humidity up to 95% RH Non-Condensing
- ✓ Display Can Pivot and Swivel
- ✓ 9.5 mm (0.375") LCD Display
- ✓ °C/°F Switchable
- ✓ Protective Plastic Digital Display Cover
- ✓ Hi-Impact Plastic Case

The SPT10 Series solar-powered digital thermometers feature stem assemblies for direct replacement for either mercury-in-glass types where environmental concerns exist or bi-metal dial thermometers. With a ten Lux (1' candle) rating and a 10-second display update, these light powered instruments maintain the strict requirements for thermometers in hydronic applications and have excellent accuracy specifications. In addition, the SPT10 Series is very versatile. The unit can swivel and pivot to meet your custom installation requirements.

## Specifications

**Case:** Hi-impact ABS

**Range:** -40 to 150°C (-40 to 300°F)

**Display:** 9.5 mm (3/8") High LCD digits

**Accuracy:** 1% of reading or 1°, whichever is greater

**Autorange Resolution:**

1°: -40 to 27°C (-40 to 19°F)

0.1°: -28.0 to 93.0°C (-19.9 to 199.9°F)

1°: 94 to 150°C (200 to 300°F)

**Recalibration:** Internal potentiometer

**Lux Rating:** 10 Lux (1' candle)

**Display Update:** 10 seconds

**Ambient Operating:** -35 to 60°C (-30 to 140°F)

**Ambient Temp Error:** Zero

**Humidity:** 95% RH non-condensing

**Sensor:** Glass passivated thermistor

**Stem Assemblies:**

**Industrial Glass:** Full conformance with Fed Spec GG-T-321D; fully interchangeable with industrial glass thermometers

**Bimetallic:** Full conformance with ASME B40.3 - 1990; fully interchangeable with bimetallic dial thermometers



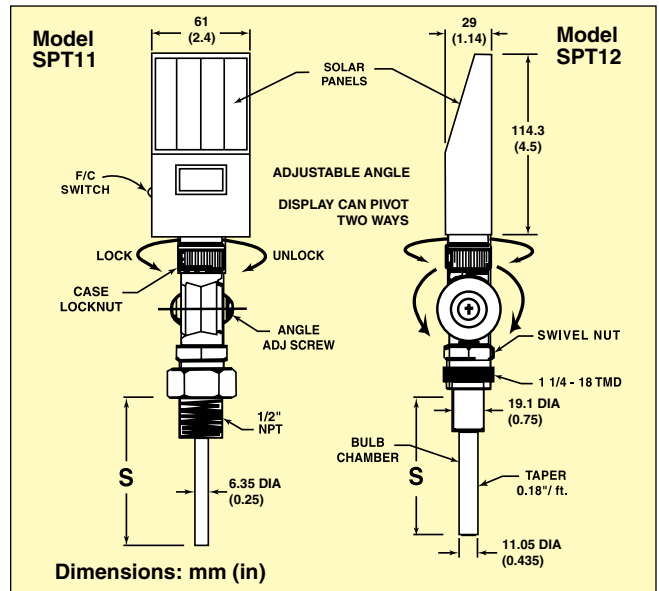
SPT11 and SPT12 Series



Both models shown smaller than actual size.

SPT12 industrial glass thermometer.

SPT11 bi-metal dial thermometer.



## To Order

Model No.	Description	"S" Dimension
SPT11-2	Bi-metal dial thermometer stem assembly	2½"
SPT11-4	Bi-metal dial thermometer stem assembly	4"
SPT11-6	Bi-metal dial thermometer stem assembly	6"
SPT12-3	Industrial glass thermometer stem assembly	3½"
SPT12-6	Industrial glass thermometer stem assembly	6"

Comes with complete operator's manual and digital display solar plastic cover.

**Ordering Example:** SPT11-6, bi-metal dial thermometer stem assembly, with 6" "S" dimension.