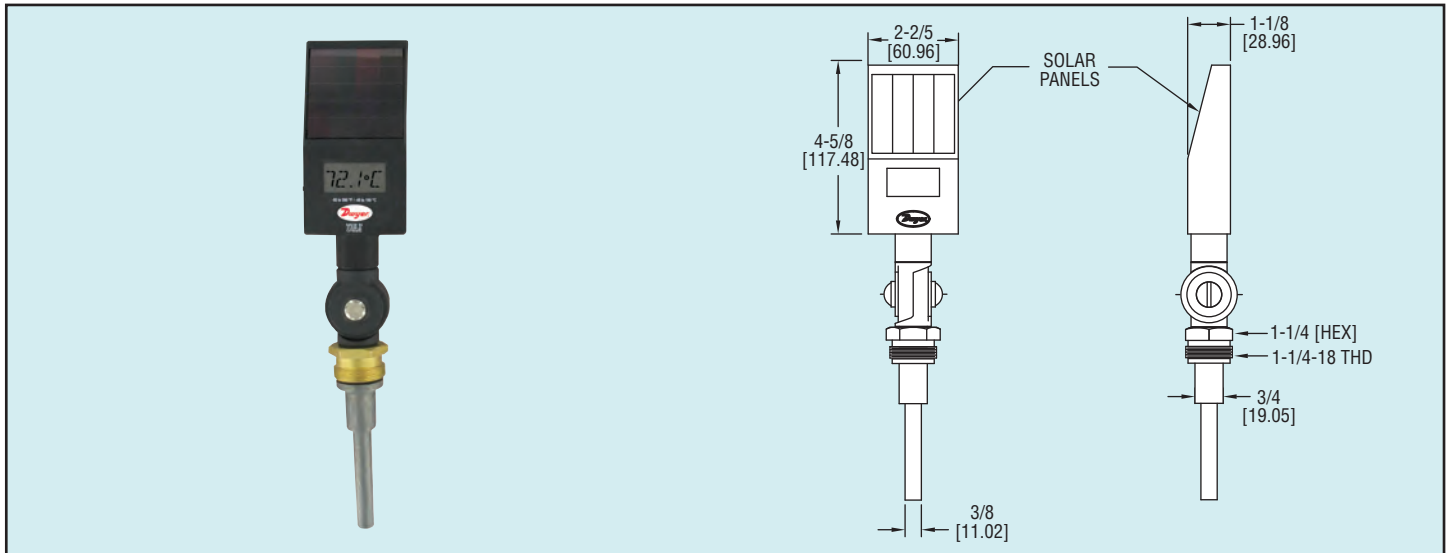




Series  
SIT

# Solar Powered Industrial Thermometer

Adjustable Stem and Display Housing, °F/°C Switchable



The **Series SIT Solar Powered Industrial Thermometer** accurately measures temperature with no batteries or power cables. For the best possible viewing angle, the stem can be adjusted 180° in the vertical plane and the display housing can be adjusted 180° in the horizontal plane providing a full 360° rotation. Engineering units are field selectable with an external dip switch enabling the thermometer to read from -50 to 300°F or -45 to 150°C. In addition, the large 1/2"-digit display allows measurements to be easily read across the room. Rated as low as 10 lux, the Series SIT solar thermometer is excellent for reading in low light applications.

**Model SIT-935**, Solar Industrial Thermometer with 3-1/2" Adjustable Stem

**Model SIT-960**, Solar Industrial Thermometer with 6" Adjustable Stem

## ACCESSORIES

**Model IT-W01**, 3-1/2" Brass Thermowell

**Model IT-W11**, 3-1/2" 304 SS Thermowell

**Model IT-W21**, 3-1/2" 316 SS Thermowell

**Model IT-W04**, 6" Brass Thermowell

**Model IT-W14**, 6" 304 SS Thermowell

**Model IT-W24**, 6" 316 SS Thermowell

**Model IT-W07**, 3-1/2" Brass Thermowell with 2-1/2" Lag

**Model IT-W17**, 3-1/2" 304 SS Thermowell with 2-1/2" Lag

**Model IT-W27**, 3-1/2" 316 SS Thermowell with 2-1/2" Lag

## SPECIFICATIONS

**Temperature Range:** -50 to 300°F (-45 to 150°C).

**Accuracy:** 1% of reading or 1°F/°C whichever is greater.

**Resolution:** 0.1° between -19.9 to 199.9°F (-28 to 93°C).

**Lux Rating:** 10 lux.

**Display:** 3-digit LCD.

**Response Time:** 10 seconds.

**Sensor:** Glass passivated thermistor – NTC.

**Temperature Limits:** -30 to 140°F (-35 to 60°C).

**Humidity Limits:** 0 to 100% (non-condensing).

**Power Requirements:** Solar powered.

**Housing Material:** Hi-impact ABS plastic.

**Weight:**

Model SIT-935: 8.5 oz (0.24 kg);

Model SIT-960: 17oz (0.48 kg).

## OPTION

For NIST traceable calibration certificate, use order code NISTCAL-TG.

TEMPERATURE

Thermometers,  
Glass