



### Description & Features:

- A solar powered digital thermometer that provides a local temperature reading to  $\frac{1}{10}$  of a degree
- 304 stainless steel case, stem and socket
- Hermetically sealed thermometer case
- Minimum required light 35 Lux
- Ceramic resistance sensing element
- $\frac{1}{2}$ " adjustable angle connection
- 4" (100mm), 6" (150mm) and 9" (230mm) stem lengths
- Fahrenheit or Celsius scales available
- 1 year warranty

### Applications:

- Temperature sensing for heating, ventilation, air conditioning, food processing, waste water, industrial processes or compressors

### Specifications

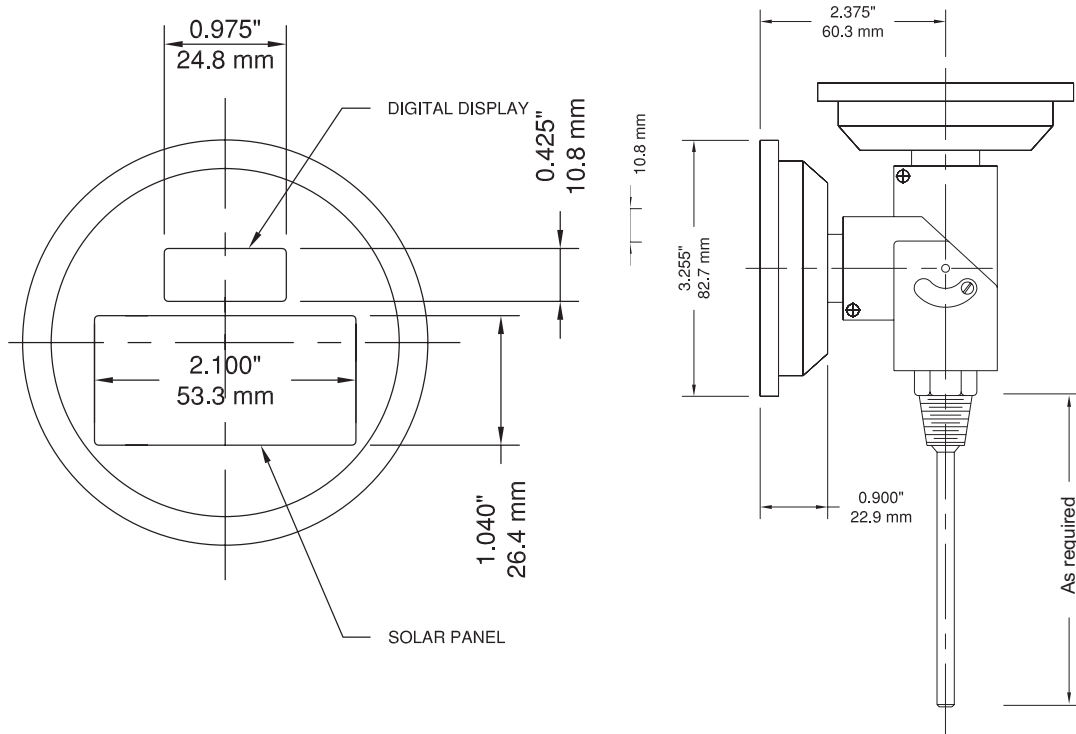
<b>Dial</b>	3" (75mm)
<b>Case</b>	304 SS case
<b>Lens</b>	Glass (3mm thickness)
<b>Ring</b>	304 SS, bezel, hermetically sealed
<b>Display</b>	LCD
<b>Stem</b>	304 SS, 0.25" diameter with lengths 2.5" (63mm) to 24" (600mm)
<b>Connection</b>	$\frac{1}{2}$ " NPT fully adjustable
<b>Sensor</b>	Ceramic resistance
<b>Lux Rating</b>	35 Lux
<b>Ambient Temperature</b>	-4°F to 122°F (-20°C to 50°C)
<b>Temperature Range</b>	-50 to 320°F (-50 to 180°C)
<b>Read Interval</b>	Every 6 seconds
<b>Accuracy</b>	±1%
<b>Enclosure Rating</b>	NEMA4 / IP65

### Order Codes (products in bold are normally in stock)

Stem Length	°F Scale	°C Scale
2.5" (63mm)	<b>THS32025F</b>	THS32025C
4" (100mm)	THS32040F	THS32040C
6" (150mm)	THS32060F	THS32060C
9" (230mm)	THS32090F	THS32090C
12" (300mm)	THS32120F	THS32120C
15" (370mm)	THS32150F	THS32150C
18" (450mm)	THS32180F	THS32180C
24" (600mm)	THS32240F	THS32240C

Note:  $\frac{1}{4}$ " NPT and  $\frac{3}{8}$ " NPT connection available  
 Longer stem lengths available up to 72"  
 316 SS wetted parts and sharp tip are available

# THS Solar Digital Bi-Metal Thermometer



## Series Number (for custom, non-standard product)

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<b>SERIES</b>																	
<b>DIAL SIZE</b>																	
3"																	
<b>CONFIGURATION</b>																	
Adjustable Angle																	
<b>STEM LENGTH</b>																	
2.5"																	
4"																	
6"																	
Others (in inches X 10)																	
<b>STEM MATERIAL</b>																	
304 SS																	
316 SS																	
<b>STEM DIAMETER</b>																	
0.260"																	
<b>THREAD SIZE</b>																	
1/4"																	
3/8"																	
1/2"																	
Special																	
<b>THREAD TYPE</b>																	
NPT																	
BSP																	
BSPT																	
<b>OPTIONS</b>																	
316 SS stem																	