

Model TBH

Portable Digital Temperature Gauge

Description

The TBH is a portable digital temperature gauge featuring accuracy 0.5%FS, multiple temperature units, Min./Max. readings, and automatic power off to conserve battery(AAA size) power. Also, a backlight provides improved visibility under poor lighting conditions. With Aluminum Die casting housing and Protection Rate IP65 are ideal in poor surroundings.

Features

- ▶ Die casting housing
- ▶ $\pm 0.5\%FS$ Accuracy
- ▶ Large, easy to read display & Backlight Unit
- ▶ 2 selectable temperature units ($^{\circ}C$, $^{\circ}F$)
- ▶ Peak, Auto power off

Applications

- ▶ Portable Field Calibration & Calibration Labs.
- ▶ Process monitoring & Control
- ▶ Food & Pharmaceutical
- ▶ Plant utility monitoring

Specifications



Range

-50~-0, -50~-50, 0~50, 100, 200, 300, 400 $^{\circ}C$

Sensing Element

Sheathed RTD(PT100 Ω)

Performance

Accuracy $\pm 0.5\%FS \pm 1 \text{ digit}$

Ambient Temperature Range -10~-50 $^{\circ}C$

Storage Temperature Range -20~-70 $^{\circ}C$

Electrical

Display ± 5000 Backlight LCD

Excitation 1.5V(AAA Size) Alkaline Battery $\times 3$

Display Time 1, 2, 5, 7, 10 time/sec

Function Unit Conversion, Peak, Auto Power Off

Physical

Vibration 49.1m/s²{5G}, 10~500Hz

Shock 490m/s²{50G}

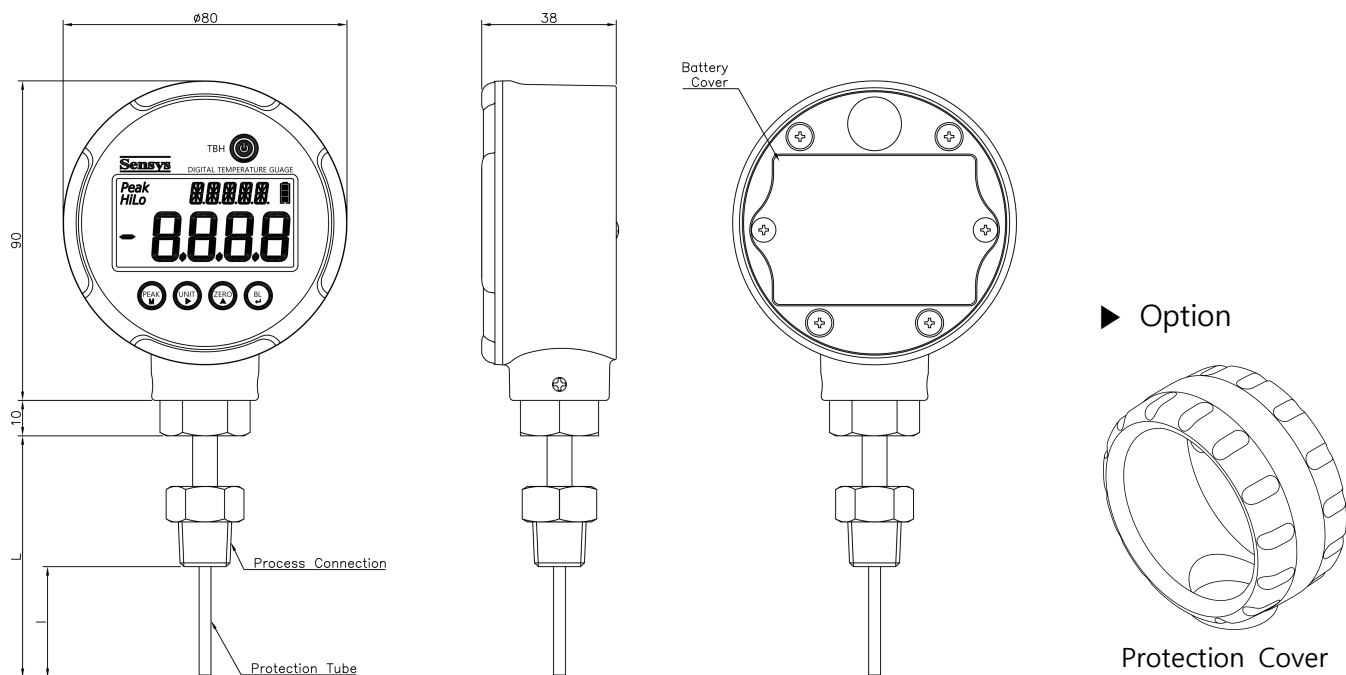
Process Connection Connection Available on Request

Media-Wetted Materials Stainless Steel 316, Other Available on Request

Protection IP65

Weight Approx. 350g (Standard type only)

Dimension



Ordering Information

Model Name		TBH A 0010 48-100/50-G/A		Material of Protection Tube	
Output		A : None		A : STS316 B : STS316L C : STS304 D : Titanium E : Monel	
Temperature Range		C 050 : -50~0℃ 0200 : 0~200℃ ± 050 : -50~50℃ 0300 : 0~300℃ 0050 : 0~50℃ 0400 : 0~400℃ 0100 : 0~100℃		Process Connection A : R(PT)3/8" G : R(PT)1/8" B : G(PF)3/8" H : G(PF)1/8" C : R(PT)1/4" D : G(PF)1/4"	
Sheath Out Diameter		32 : Ø3.2 64 : Ø6.4 48 : Ø4.8 80 : Ø8.0		Insert Length ℓ(mm)	
				Length L(mm)	