

# PHANTOM®

THERMOCOUPLE TEMPERATURE SENSOR

CERTIFICATIONS





**PHANTOM**, the best wireless condition monitoring system worldwide. Have a better control of your machines' temperature with the **PHANTOM thermocouple** sensor.

The signal from the **PHANTOM** sensors is encrypted which ensures the reliability of the information and the security of your data.

### MEASUREMENT

Product code	EPH-T25
Sensor	Thermocouple type K
Temperature range ( <i>ambient</i> )	-40 °C to 80 °C (-40 °F to 176 °F)
Temperature range ( <i>object</i> )	-100 °C to 1250 °C (-212 °F to 2282 °F)
Status	Battery and internal temperature
Data receiving interval	Min: 1 min - Max: 120 min

### POWER SUPPLY

Battery lifetime	12,000 measurements
Main power supply	3.5 VDC / 1.5 A (2xAA Batteries) 5-24 VDC / 1A (External power supply)

### CONNECTIVITY AND SOFTWARE

Wireless protocol	Bluetooth BLE 5.0
Operating frequency	2.4 GHz
Transmission power	±8 dBm
Signal strenght range	-90 dBm to -30 dBm
Power output range	-4 dBm to +8 dBm ( <i>configurable</i> )
Devices compatibility	iOS and Android devices ( <i>WISER VIBE &amp; PHANTOM™ Manager</i> ) and PHANTOM™ Gateway
Software compatibility	DigivibeMX 11 M30 & PHANTOM™ Version / PHANTOM™ Manager and WiSER VIBE
Operating distance	100m Line of sight*
Contains FCC ID	X8WBT840

### DIMENSIONS AND FIXTURE

Dimensions ( <i>h x w</i> )	125 mm x 100 mm x 37 mm
Protection grade	IP67
Weight	500 grams
Housing material	ABS, stainless steel

### ENVIRONMENTAL CONDITIONS

Operating temperature	-40 °C to 80 °C (40 °F to 176 °F)
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