

ERBESSD INSTRUMENTS®

# PHANTOM

General Purpose Sensor

**PHANTOM**, the best wireless condition monitoring system worldwide.



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



With the General Purpose Phantom you can adapt the data collection to your specific needs. Take **any 2Vpp sensor** and make it wireless.



# TECHNICAL SPECIFICATIONS

MEASUREMENT	
Product code	EPH-G60
Input range	2 volts peak-to-peak
Inputs	2 channels
Status	Battery, internal temperature and voltage value
Data receiving interval	Every 720 min
POWER SUPPLY	
Battery lifetime	12,000 measurements
Main power supply	3.5 VDC / 1.5 A (2xAAA 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 strength range	-90 dBm to -30 dBm
Power output range	-4 dBm to +8 dBm (Configurable)
Devices compatibility	iOS and Android devices (WISER VIBE & Phantom™ Manager) and Phantom™ Gateway
Software compatibility	DigivibeMX 11 M30 & Phantom™ Version / Phantom™ Manager and WISER VIBE
Operating distance	100 m Line sight*
Contains FCC ID	X8WBT840
DIMENSIONS AND FIXTURE	
Dimensions (h x w)	100 mm x 77 mm x 26 mm
Protection grade	IP67
Weight	138 grams
Housing material	ABS, stainless steel
ENVIRONMENTAL CONDITIONS	
Operating temperature	-40 to 80 °C (40 to 176 °F)

## ACCESSORIES



The General Purpose wireless sensors are able to monitor virtually **any type of signal** and is compatible with other kind of sensors.

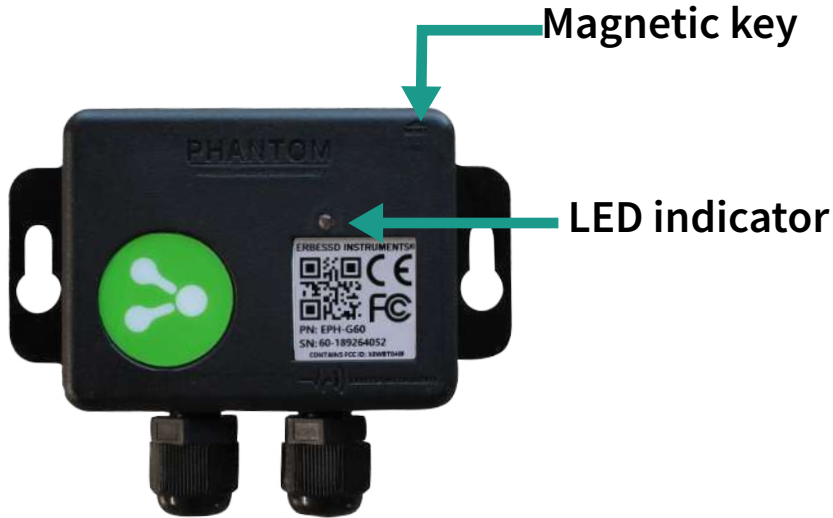
Any sensor with **2 Vpp** output is compatible with the General Purpose Phantom sensor.

## CERTIFICATIONS

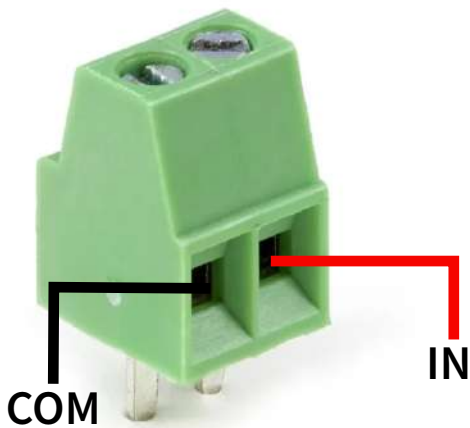


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## QUICK GUIDE



2 x AAA Lithium Batteries



Connection diagram

Analyze and visualize the data of machines with

**DigivibeMX®**



Access to your information in an easy way trough your browser or DigivibeMX.

Phantom sensors are compatible with communication protocols:



(using Gateway 2.0)

# MEET THE PHANTOM FAMILY

## Phantom Expert Gen 3 & ATEX

Our popular triaxial vibration sensor. It is able to send 3 simultaneous FFT and time waveform recordings. Available in **High Sensitivity**, **High Range** and **ATEX**.



## Phantom Thermocouple & Phantom Infrared

Have a better control of your machines' temperature. You can connect up to 3 thermocouple sensors or acquire the **infrared** temperature sensor so you can monitor with extreme precision.



## Phantom RPM

With the RPM sensor you can easily analyze the revolutions per minute of any rotor, turbine or vent with incredible precision with a switching speed of 600kRPM.



## Phantom Current

The Phantom current module allows you to measure up to 4 amperage channels with clamps that start with 50 amp and go to 500 amp.



## Phantom All in One

Obtain the reliability of three sensors in only one Phantom module; vibration, temperature and current. Complete condition monitoring all in one.



## Phantom Thermographic Camera

With the Phantom thermal camera you can take infrared images of surfaces or objects at a distance of no more than 1m. Use DigivibeMX to create trends at different points of these captures.



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