

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 4-20mA sensor** and make it wireless.



TECHNICAL SPECIFICATIONS

MEASUREMENT

Part Number:
EPH-G61

Range input:
4-20mA CC

Inputs:
4 channels

Status:
Battery, temperature and
4-20mA value per channel

**Data Receiving
Interval:**
Every 30min / Configurable

**Internal Temperature
Accuracy:**
±5°C

POWER SUPPLY

Battery Lifetime:
12,000 measurements
Standby Mode if Gateway not detected

Main Power Supply:
2 AAA 1.5V Batteries (Replaceable)

CONNECTIVITY AND SOFTWARE

Wireless Protocol:
Bluetooth BLE 5.0 / Modbus via Gateway

**Signal Strength
Range:**
-90dBm to -30dBm

Power Output Range:
-4dBm to +8dBm
(Configurable)

Software Compatibility:
DigivibeMX version
Phantom / WiSER Vibe
Firmware Updates via Phantom
Manager (iOS & Android)

Wireless Range:
100m line sight

Operating Frequency:
2.4GHz

DIMENSIONS

Dimensions:
100mm x 77mm x 26mm

Weight:
138 g

**Base Temperature
Range:**

Material:
Nylamid / Aluminum

Protection Rating:
Water and dust resistant (IP67)

-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.

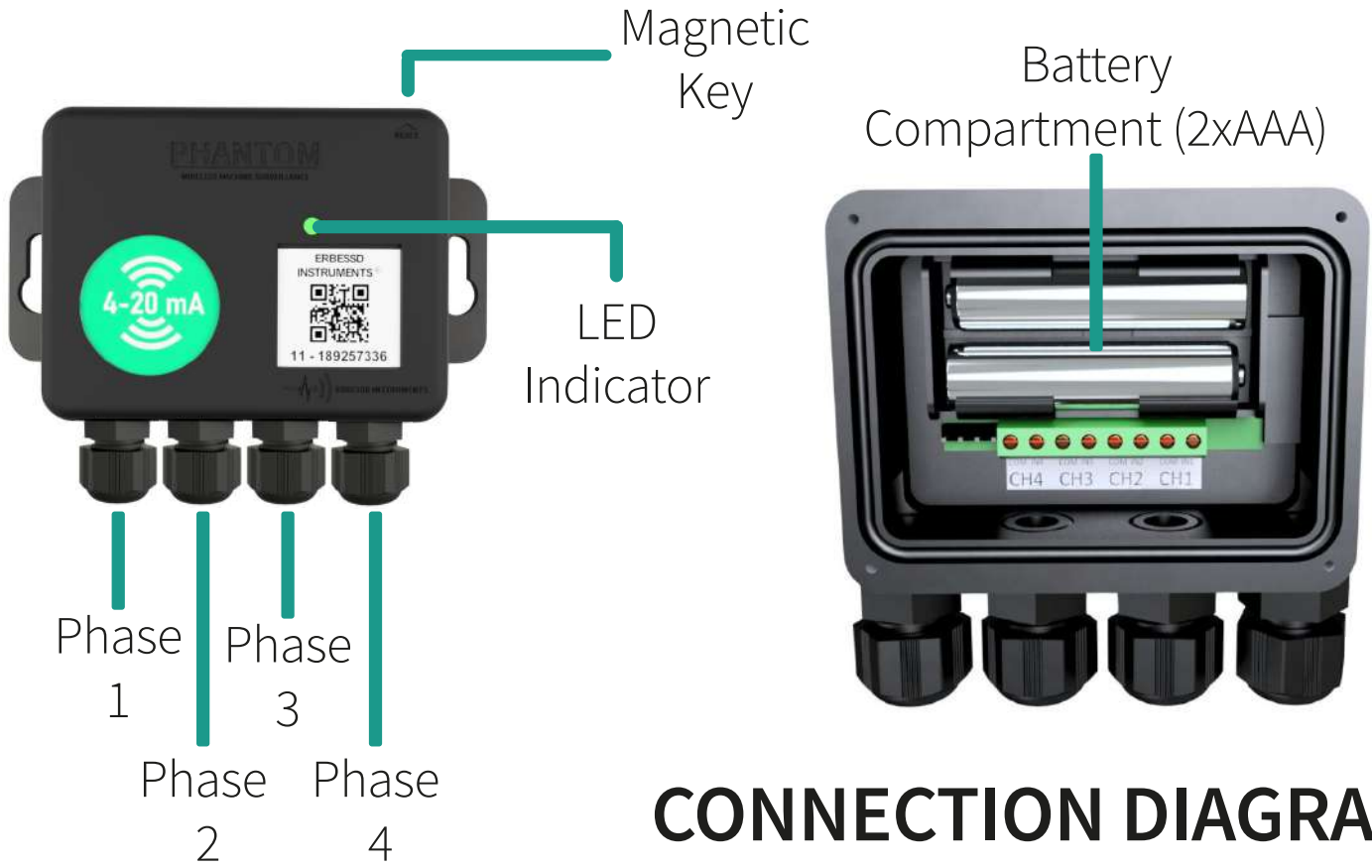


Any sensor with a **4-20mA** output range is compatible with the General Purpose Phantom sensor.

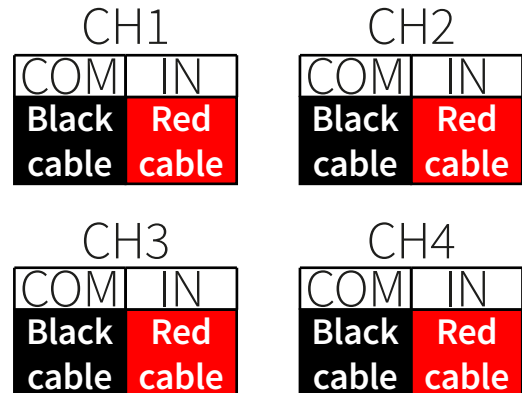
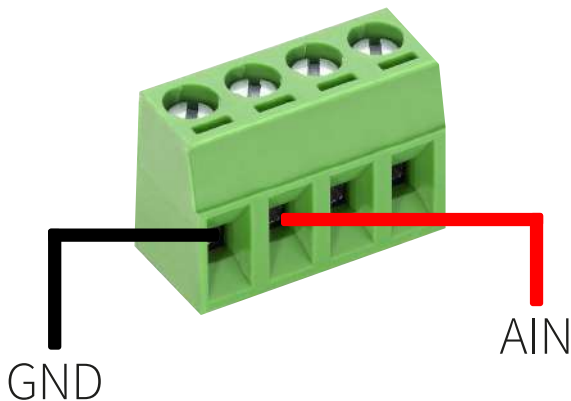
Just define a range for the mA received by the module and create your own parameters.

Place your sensor's cables easily with the help of a screwdriver

QUICK GUIDE

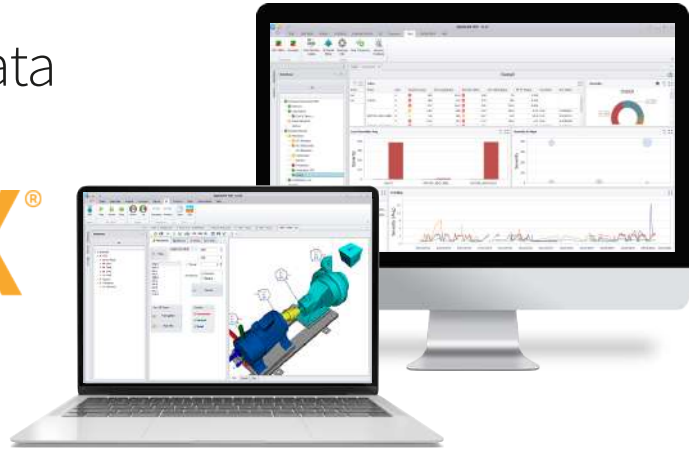


CONNECTION DIAGRAM



Analyze and visualize the data
of your sensors with

DigivibeMX®



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

Phantom sensors are compatible with
communication protocol



MEET THE PHANTOM FAMILY

Phantom Expert & Phantom Gen 2

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



Phantom Termocouple & 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.



Coming soon...

Phantom
Thermographic
Camera



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