

# WA102-1A Series

Wireless Transmitter for Dynamic Acceleration, 3 Socket, for CTC  
AC312 and AC314 Accelerometers



VIBRATION ANALYSIS HARDWARE

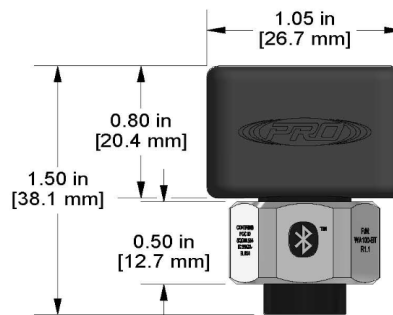


## Product Features

Bluetooth Compatible

Molded for Industrial Environment Protection

- ▶ 150 ft. Maximum Line of Sight Range
- ▶ Fully Molded Design with Integrated Battery, IP67
- ▶ Low Cost



## Specifications

Material	Polyamide
Temperature Range	-4 to 185°F (-20 to 85°C)
Input Channels	1 Dynamic Vibration
Power	Integrated Battery
Sensor Supply Voltage	3.3V
Maximum Sampling Rate	40,000 samples/sec
Filtering	Hardware (HW) 3rd Order Low Pass Filter, Digital Noise Reduction
Wireless Communication	BLE 5.0
Data Collected	Time Waveform
Compatible Sensors	AC312, AC314

## Data Acquisition

- ▶ WA102-1A transmitter will provide power and record signal from CTC low power sensors
- ▶ Recorded samples are configurable for size (length), sampling rate and noise reduction
- ▶ Estimated 4+ years of battery life when taking 2 or fewer scheduled measurements daily at room temperature
- ▶ WA102-1A records sample and transfers time waveform data to the BLE receiver (i.e. Laptop/Tablet) upon request. Sampling intervals are configured by customers within the BLE receiver.

## Regulatory Approvals



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