



6800

Multi-Channel Vibration Monitor



Features

- Interactive Graphic Display
- Programmable Alarms
- Compatible with majority of sensor and probe types
- Probe failure detect modes
- Optional Ethernet Communication
- 2 - 8 Channel Capability
- Unique Start-up Alarm Function

Description

The 6800 series machinery protection and condition monitoring system accepts from two to eight signal inputs and provides a discrete conditioned level indication for each channel. This self-contained system is ideal for monitoring multiple points on pumps, gear boxes, fans, blowers or turbine/generator sets and protecting this machinery from the potential damages of high vibrations. Each independent channel is pre-configured to accept a velocity sensor, acceleration sensor or non-contact displacement probe. These signals are then filtered and conditioned to the desired output units for display and alarm triggering.

The system includes a high-resolution full color touchscreen display as its operator interface for all programmable features including: warning and shutdown alarm setup and interaction, start-up and delay functions, channel interrogation

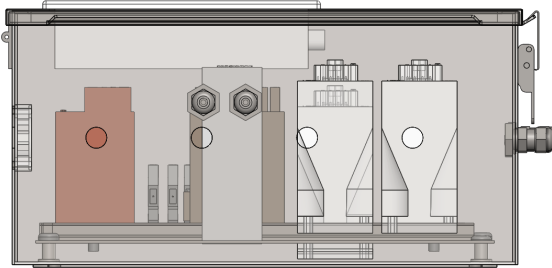
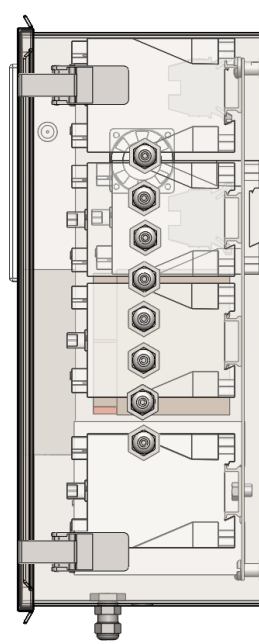
and snapshot trend display. Each alarm limit set points are clearly visible on the run mode display. Acknowledgment of alarms is made via the touchscreen or remote reset option. The standard run mode display includes individual bar graphs for each channel, indicating the current vibration levels as well as visual notification of any alarm states.

While the 6800 is designed as an easy to implement standalone protection system, the optional Ethernet communication allows the user to interact with the system via a PC anywhere an internet connection is available. The 6800 series condition monitoring system is a powerful and efficient tool for protecting your valuable machinery assets.

Monitoring Systems



6800 Series Vibration Monitoring System



General Specifications

- Works with all CEC transmitters
(See transmitter specifications for signal processing characteristics)
- Typical Inputs
 - Velocity: self-generating
 - Acceleration: integrated, single-ended or differential
 - Displacement Probes
- Power Input: 100-240 VAC @ 50/60 Hz
- Enclosure
 - 12"x14"x6" Wall Mount
 - 5.4" Display (can be remotely mounted)
 - 10.7" Display Optional