

# VMS-100

Vibration Monitoring System



## Features

- Continuous vibration monitoring of up to four motors
- Preconfigured - no setup required
- Sunlight visible LED status indication
- Available in stand-alone table top enclosure or for panel mounting

## Benefits

- Easy field installation
- Detects onset of excessive vibration prior to catastrophic failure
- Enables predictive maintenance vs. costly reactive maintenance
- Used in conjunction with motor mounted, weather proof vibration monitors



The Hauck Vibration Monitoring System (VMS-100) is designed to continuously monitor vibration of motors in blower or fan applications. Used in conjunction with weather proof vibration monitors permanently mounted on the drive motor, the VMS-100 warns of the onset of excessive vibration prior to catastrophic failure. Up to four motors can be remotely monitored using a single VMS-100.

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**Combustion Excellence Since 1888**

# VMS-100

VIBRATION MONITORING SYSTEM

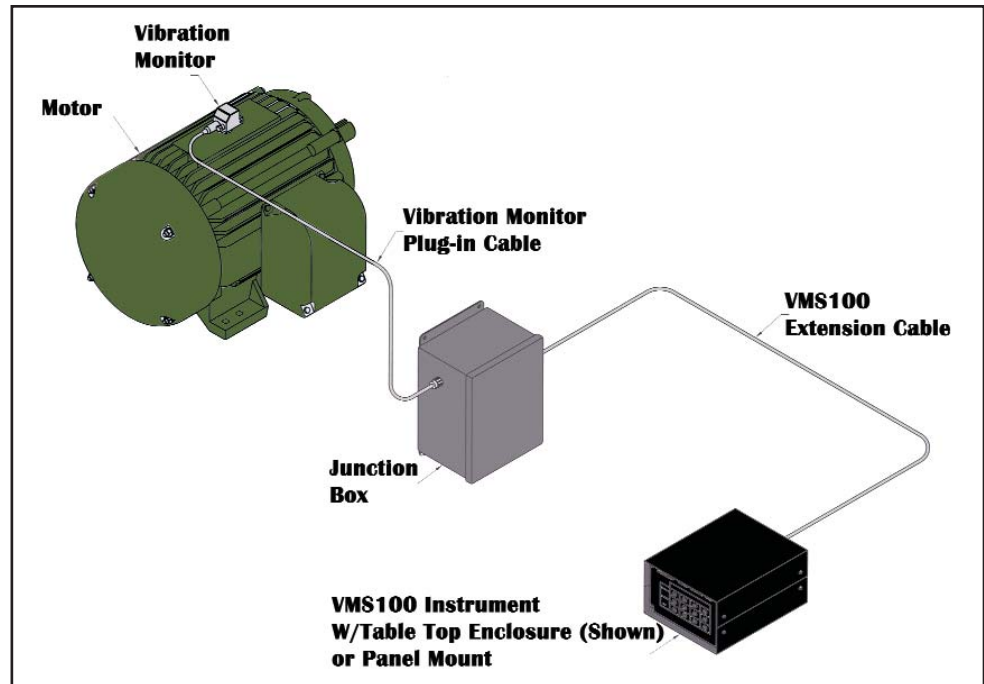


## ADVANTAGES OF THE VMS-100

**Preconfigured for Easy Field  
Installation**

**Detects Excessive Vibration  
Prior to Catastrophic Failure**

**Enables Predictive  
Maintenance Vs. Costly  
Reactive Maintenance**



Typical VMS System Layout

The Hauck Vibration Monitoring System can continuously monitor the vibration level of up to four motors in blower or fan applications. The VMS-100 utilizes sunlight visible LED lights to indicate the status of each motor's vibration which enables detection of the onset of excessive vibration prior to catastrophic failure. A green status light indicates that the vibration level is normal, a yellow status light indicates that a warning condition has been achieved, and a red status light indicates a critical condition exists requiring immediate attention.

In conjunction with motor mounted weather proof vibration monitors, the VMS-100 enables predictive maintenance vs. costly reactive maintenance. By following the prescribed actions for the non-normal indications, the operator can correct the unbalance of a warning condition, or replace the impeller of a blower or fan in a critical condition prior to progression to a failure that may include destruction of the motor bearings.

A vibration system normally consists of:

- VMS-100 instrument
- VMS-100 extension cable(s)
- Vibration monitor plug-in cable(s)
- Vibration monitor(s).

Consult Hauck for cable requirements for your specific installation.

