

Our most compact monitor!

VM-25



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A BOP* monitor that is digital, compact and versatile!

* BOP: Balance of Plant

Available in 8 preset configurations OR customize to your needs!

Based on years of experience, we designed a monitor with features and functions that are essential to monitoring vibration for balance of plant equipment. The VM-25 can be customized to suit your needs, and its compact design fits almost anywhere!



Key features of the VM-25

Compact design

The VM-25 can contain up to 5 modules. So whether it's a new installation or replacement of an existing system, its small footprint only requires minimal space, measuring W160mm, H100mm, D113mm.

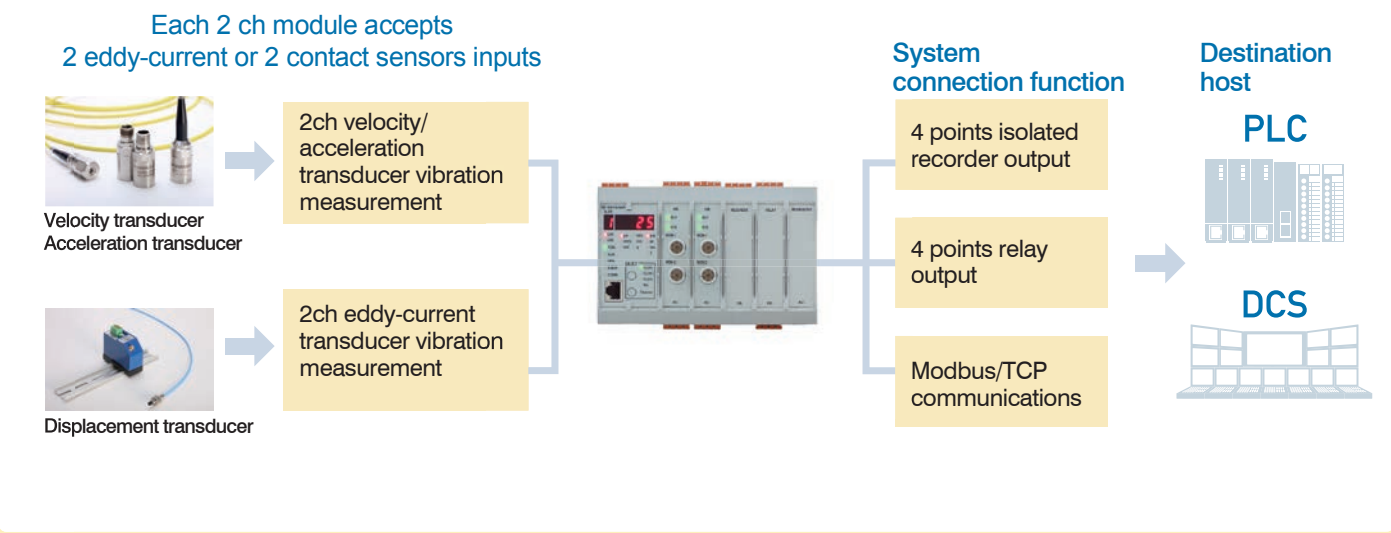
Digital communication

A digital solution! Modbus communication to your PLC or DCS eliminates the need for wires, saving you valuable space along with time and money during installation and maintenance. For convenience, recorder output is also available.

Optimized features

The VM-25's optimized features means you only pay for what you really need! This saves you money and ensures the monitoring configuration suits your machine.

Optimized Configurations



List of Features

2ch Velocity/Acceleration

2ch velocity/acceleration transducer vibration measurement enable you to measure casing vibration of rotating machinery.

2ch Eddy Current

2ch eddy current transducer vibration measurement enable you to measure shaft vibration.

4 Points Isolated Recorder Output

Each vibration module can accept eddy current and velocity/acceleration transducers. Each module can provide 4 points isolated recorder output.

4 Points Relay Output

Each vibration module has 4 relay outputs that can be programmed for AND/OR relay logic.

Modbus/TCP Communication

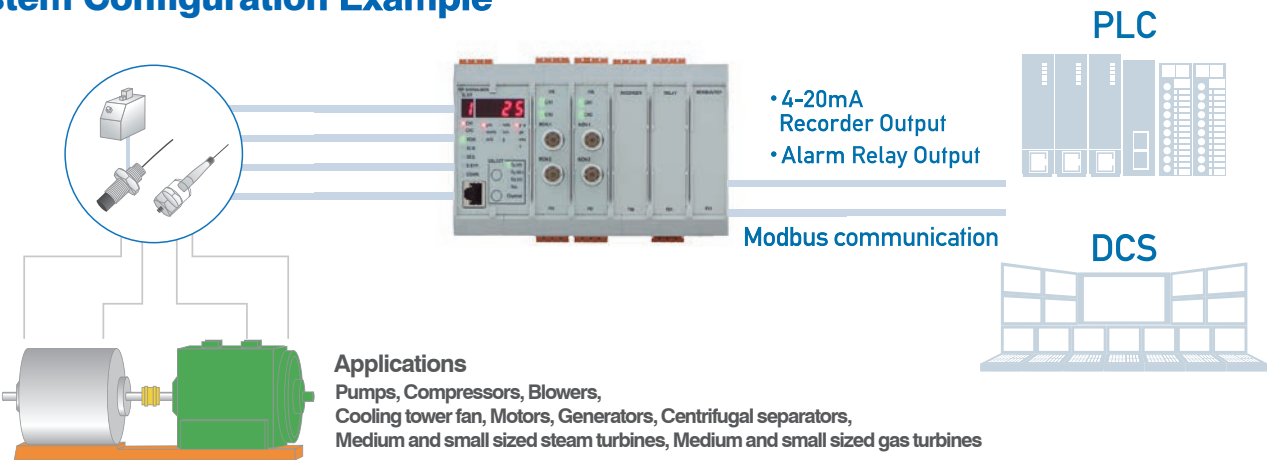
Digital Communication Output via Modbus and TCP using ethernet.

Specifications

Power supply	
Rated power	24VDC
Power supply voltage range	22~26VDC
Environmental	
Operating temperature	-20~+65°C
Approvals	
Safety standard	CE Marking (EMC directive, RoHS directive)
2ch Velocity/Acceleration	
Number of inputs	2ch
Monitoring parameter	Acceleration, Velocity and Displacement
2ch Eddy-Current	
Number of inputs	2ch
Monitoring parameter	Displacement vibration

4 Points Isolated Recorder Output	
Number of recorder output	4ch
Recorder output type	4~20mA
Contact Output	
Number of contact output	4 points
Contact type	Dry contact (SPDT)
Contact capacity	250VAC/2A, 30VDC/2A
Modbus/TCP Communication	
Input port	RJ-45
Protocol	TCP/IP

System Configuration Example



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