

## FS201-3A Three-Axis Vibration Monitor

- FS201-3A vibration monitor can continuously and reliably measure and analyze the low-frequency vibration of wind turbines, and outputs software and hardware alarm signals when the vibration amplitude exceeds the default value.



### ✧ Key Features

- ▶ Vibration and inclination in the X, Y, and Z directions can be measured simultaneously by the accelerometers. One or more vibration monitors can be monitored.
- ▶ Alarm value and delay time can be settled individually.
- ▶ The status including Power supply, cable and accelerometer status can be monitored.
- ▶ All parameters including center frequency, bandwidth, alarm delay time and relay function can be settled.

### ✧ Technical Data

Power Supply	24Vdc $\pm$ 10%
Power Consumption	3.5W (typical, relay pick-up)
Measuring Range	0.500gn
Resolution	0.001gn
Frequency Range	0.2 ~ 5.0Hz
Resolution	0.01Hz
Boot Waiting Time	2 sec (typical)
Measurement Reaction Time	0.5sec ~ 6sec (depending on center frequency and bandwidth setting)
Alarm Delay Time	0.1sec ~ 25.5sec
Relay Contact Load	24V, 2A
Communication Interface	RS485/CAN open
Protection Class	IP68
Operating Temperature	-40°C to +80°C
Size	174mm $\times$ 80mm $\times$ 58mm
Weight	1.3Kg (without cable)