



OrbiVib3

- CANopen Interface
- USB Interface
- 8 independent configurable frequency bands
- External Dual axis Accelerometer
- 2 Digital Inputs with Encoder function
- 2 Relay Outputs
- Real Time Clock
- Internal non-volatile trace data buffer
- DIN-rail snap-on mounting
- Programmable configuration
- Stand Alone security loop functionality



OrbiVib3 is designed for vibration measurements in the frequency range 0.1–100 Hz. Up to 8 independent configurable frequency bands can be used to monitor and supervise accelerations in the frequency range of interest. The band-pass filter parameters, the vibration excess values and the reaction times can be configured individually for each frequency band.

The **OrbiVib3** module provides 2 digital RPM inputs, which also can be used as an encoder input.

Two relay outputs are individually programmable for activation of RPM or/and vibration excess. An integrated data/trace logger will capture all relevant information in case of vibration and RPM excesses and will save with time stamp in a non-volatile memory. Via the USB port these data can be exported and FFT evaluated by using third party programs like Matlab® or Octave®.

Either the CANopen bus or the USB interface can be used for configuration, monitoring and controlling the OrbiVib3 system. In addition a stand-alone operation after configuration is possible.

An EDS file provides the master with all needed information about the module and the data access.

