

7058 4-CHANNEL VIBRATION MONITOR DESCRIPTION

The 7058 4-Channel Vibration Monitor measures the vibration level of two to four points on rotating equipment located up to 1,000 feet from your central control room, ideally suited for monitoring multiple points on large equipment like turbines and multi-stage pumps. The 7058 can also monitor a single point on four individual pieces of equipment. Configurable to: (1) accept signals from acceleration transducers, velocity transducers or noncontact probes; (2) condition signals to monitor in acceleration (g's), velocity (in/sec) or displacement (mils); and (3) low-pass, bandpass and high-pass filters for each channel to allow you to monitor for a particular problem or to remove unwanted signals generated by nearby machines. A single analog meter allows you to view the vibration level, alarm setpoint and trip setpoint for each channel and can be set to automatically display the highest vibration level of the four channels. Front panel Light Emitting Diodes (LED's) give immediate indication when alarm and trip setpoints have been exceeded or when power or a transducer signal has been lost. AC and DC signal outputs and multiple relays allow for connection to external devices for alarm or, if required, automatic shutdown.