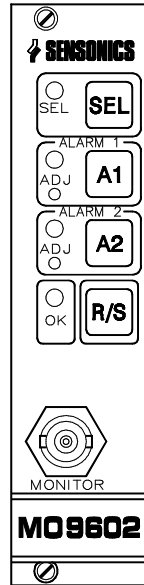




AEGIS SYSTEM

MO9602 - ROLLING ELEMENT BEARING MONITOR



- ACCEPTS INPUTS FROM BEARING DAMAGE TRANSDUCER.
- DETECTS BEARING DAMAGE AND BAD LUBRICATION.
- OUTPUTS PROPORTIONAL TO BEARING CONDITION.
- ANALOGUE OUTPUT (4-20mA).
- ALARM RELAYS.
- DUAL ADJUSTABLE LEVEL ALARMS.
- UP TO 14 MODULES PER 19 INCH RACK. (OR 12 WITH A COMMON DISPLAY).

The low cost M9602 rolling element bearing monitoring module is designed to accept the inputs from piezo accelerometers and will monitor bearing condition in hostile, remote or inaccessible positions.

It is ideally suited to applications where constant surveillance is required to protect bearings against sudden deterioration in condition and avoid costly breakdowns.

The module uses only the highest quality components and has been extensively type tested to ensure effective monitoring and to prevent spurious alarms.

Up to 12 modules can fit into a standard 19" rack (3U high) with a single shared LED digital display. Further modules in second and third racks can utilize the same display module by simple connection of the racks. The level of any particular channel is brought up on the display by depressing the 'select' button on the front of each module. An Amber LED illuminates next to the button to indicate which module is currently being displayed. Alarm levels are displayed by pressing and holding the A1 or A2 buttons on the selected module.

Each module has it's own PSU for increased system integrity. A front panel BNC presenting the transducer buffered raw signal, and a calibration check facility are also available.

