Bently Nevada 3500 Vibration Monitoring System

Product Description
- The Bently Nevada (BN) 3500 Vibration Monitoring System, the latest vibration system from Bently Nevada, provides continuous, online vibration monitoring suitable for machinery protection applications.
- Assembly consists of the full-size 3500 Rack available in 19” EIA rail-mount, panel-cutout-mount, and bulkhead-mount versions.
- Primary interface to the 3500 Rack for connection to configuration, display, and condition monitoring software is the Rack Interface Module (RIM).
- The 3500/15 Power Supply features line noise filters as standard and can be ordered for AC or DC input power, providing compatibility with voltage sources worldwide.
- Individual alarm and danger settings, as well as instantaneous amplitude readings, are available for each function.
- BN3500 does not have display unit in the front panel as in the case of BN3300. There are two options:
  - Display on the existing HMI, which will require software upgrade.
  - Provide Bently Nevada HMI with 3500/94 VGA Display (an option in BOM)

Applicable Units:

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<tr>
<th>LM6000</th>
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<th>LM2500</th>
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<td>LMS100</td>
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<td>LM5000</td>
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<td>LM1600</td>
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<td>TM2500</td>
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Customer Value
- Reduces non-critical vibration system diagnostic indications trips, noise-driven and transient vibration shutdowns/trips and nuisance vibration alarms/trips during start-up period.
- Virtually every aspect of the BN3500’s operation is software configurable, resulting in the most flexible system.
- Easier spare parts management – a single module type can be configured for a variety of functions rather than just a single function.
- Communication between the vibration system and the control system is Ethernet enabled.
- Reduces number of spare parts and support for units with the BN7200, a discontinued product.
- It can easily fit twice as many channels into the same rack space as previous monitoring systems, resulting in lower installation costs by saving valuable cabinet space and spreading common components.

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