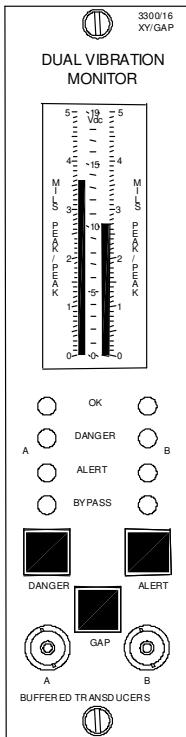


# 3300/16 XY/GAP Dual Vibration Monitor

Bently Nevada™ Asset Condition Monitoring

## Description

The 3300/16 XY/Gap Dual Vibration Monitor continuously measures and monitors two independent channels of radial vibration, and average shaft position (gap), accepting inputs from two proximity probe/ Proximitor® systems. This monitor is designed to supersede the 3300/15 Dual Radial Vibration Monitor, which does not provide radial position gap alarms.



imagination at work

Specifications and Ordering Information  
Part Number 141498-01  
Rev. J(04/07)

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## Hazardous Area Approvals

### CSA/NRTL/C

Class I, Div 2  
Groups A, B, C, D  
T4 @ Ta = +65 °C

### Certification Number

150368 - 1002151 (LR 26744)

## ATEX

 II 3 G

EEx nC[L] IIC

T4 @ Ta = -20°C to +60°C

When installed per document number 132577-01.

### Certification Number

BN26744C-55A

## Physical

### Space Requirements:

One rack position (any position except 1 and 2, which are reserved for Power Supply and System Monitor, respectively).

### Weight:

1 kg (2.2 lbs.).

## Ordering Information

For spares, order the complete catalog number as described below. This includes a front panel assembly, monitor PWAs with sheet metal, and appropriate relay module. This unit is optioned, tested and ready to install in your system. Spare relay modules can be ordered separately.

### XY/GAP Dual Vibration Monitor

3300/16-AXX-BXX-CXX-DXX-EXX-FXX

### Option Descriptions

#### A: Full-scale Range Option

**01** 0-3 mils peak-to-peak (pp)

**02** 0-5 mils pp  
**03** 0-10 mils pp  
**04** 0-15 mils pp  
**05** 0-20 mils pp  
**11** 0-100 µm pp  
**12** 0-150 µm pp  
**13** 0-200 µm pp  
**14** 0-400 µm pp  
**15** 0-500 µm pp

#### B: Transducer Input Option

**01** 3300 8 mm, 3300 XL 8mm or 7200 5 mm and 8 mm Proximitor Sensor, 200 mV/mil  
**02** 3000 Proximitor Sensor, 200 mV/mil (Transducer Output Voltage in power supply must be set for -18 Vdc or use a power converter.)  
**03** 7200 11 mm Proximitor® Sensor(not XL), 100 mV/mil  
**04** 3300 XL 11 mm or 7200 14 mm or 3300 HTPS Proximitor® Sensor, 100 mV/mil  
**05** 3300XL NSv and 3300 RAM Proximitor® Sensor, 200 mV/mil

**Note:** Contact your local office if 3000 series transducers are to be used in the monitoring system which also uses 3300 and/or 7200 Series transducers.

#### C: Alarm Relay Option

**00** No Relays  
**01** Epoxy-sealed  
**02** Hermetically-sealed  
**03** Quad Relay (Epoxy-sealed only)  
**04** Spare Monitor - No SIM/SIRM

#### Notes:

1. AND voting logic is not available with Quad Relays.
2. At least one relay module must be ordered with each 3300 System. If one common relay module per system has been ordered, all monitors of this type must be jumper programmed at the factory to activate a relay bus. Order SCK (Special Configuration Kit) 157516-122 & -123 for bus one or 157516-124 & -125 for bus two.
3. Agency approval places limitations on the relay module. Refer to the Relay Module data sheet for information.
4. Quad Relays are not available with the Internal Safety Barriers option.

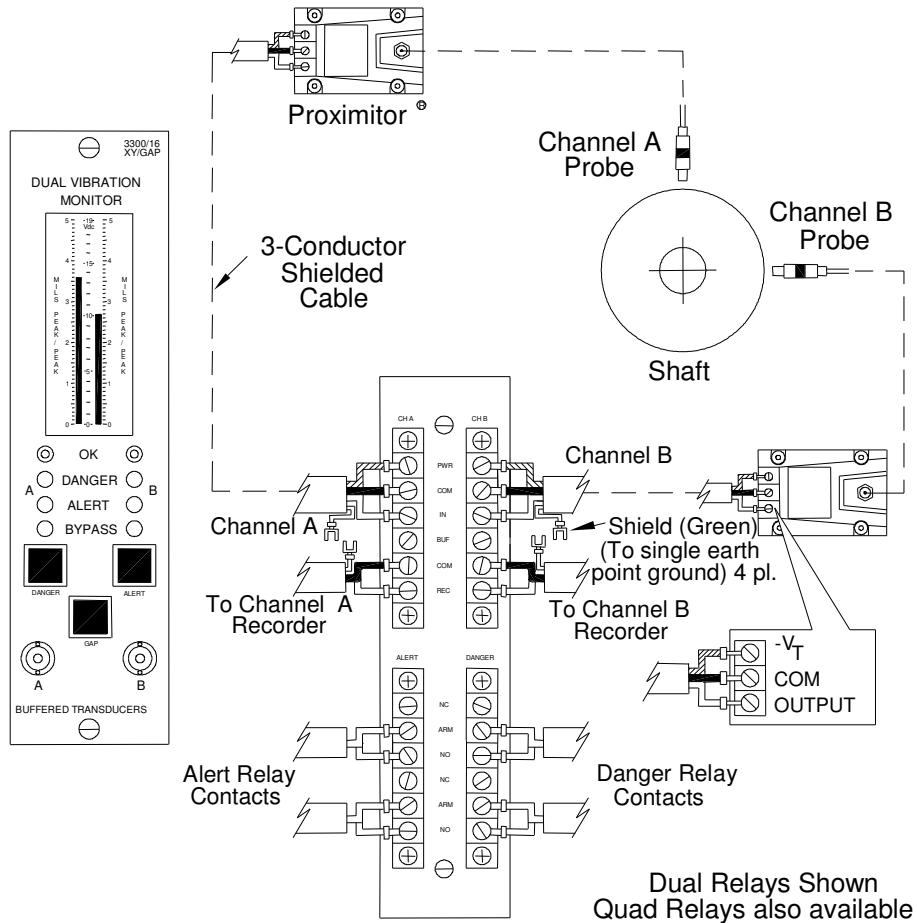
#### D: Agency Approval Option

**00** Not required

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## Field wiring diagram

3300/16 XY/GAP Dual Vibration Monitor



Field wiring diagram for 3300/16 XY/GAP Dual Vibration Monitor

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