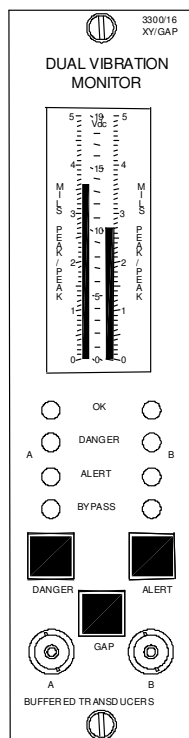


3300/16 XY/GAP Dual Vibration Monitor

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)

Page 1 of 7

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
Proximator Sensor, 200 mV/mil
02 3000 Proximator 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 Proximator®
Sensor(not XL), 100 mV/mil
04 3300 XL 11 mm or 7200 14 mm
or 3300 HTPS Proximator®
Sensor, 100 mV/mil
05 3300XL NSv and 3300 RAM
Proximator® 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.

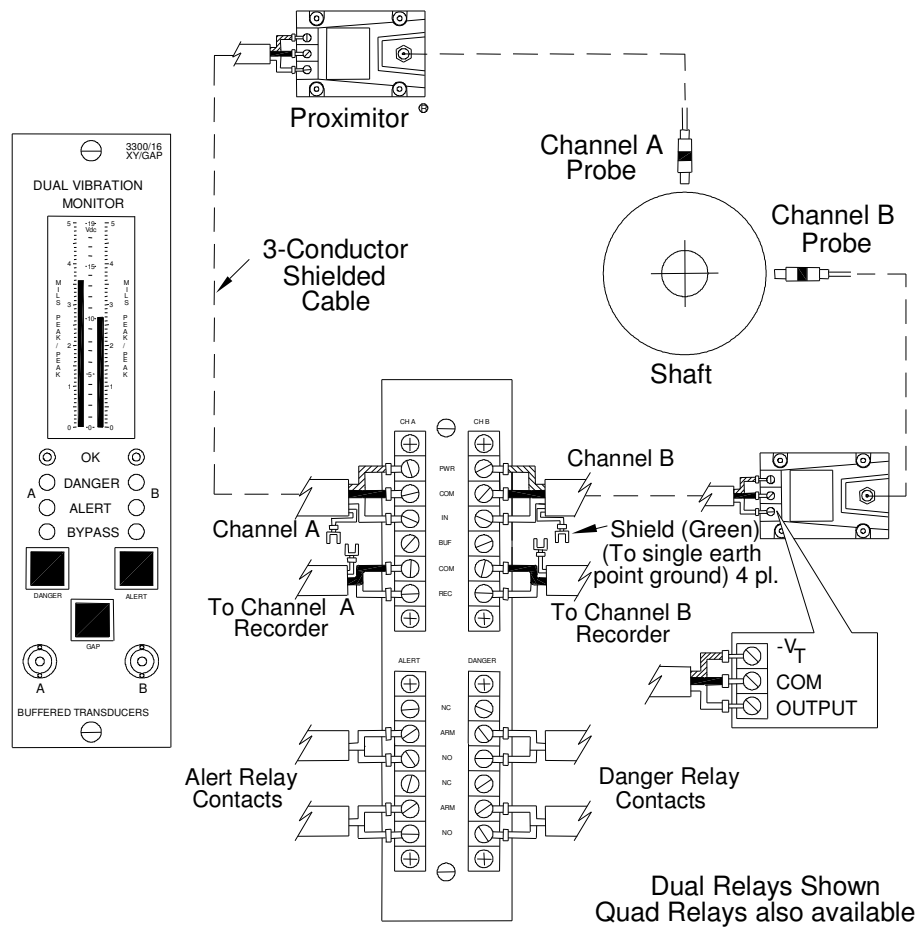
D: Agency Approval Option

00 Not required

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

Field wiring diagram

3300/16 XY/GAP Dual Vibration Monitor



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

Bently Nevada and Proximitors are trademarks of General Electric Company.

Copyright 1999. Bently Nevada LLC.
1631 Bently Parkway South, Minden, Nevada USA 89423
Phone: 775.782.3611 Fax: 775.215.2873
www.ge-energy.com/bently
All rights reserved.

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

Page 7 of 7