

## APTER POWER

COMPLETE PRODUCT INFORMATION

# 330901-10-25-10-02-00

### NSv Proximity Probe

Bently Nevada 330901-10-25-10-02-00 is an unarmored 1/4-28 UNF 3300 XL NSv proximity probe with 2.5 in case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

#### PRODUCT SNAPSHOT

##### BRAND

Bently Nevada

##### FAMILY

3300 XL NSv Proximity Transducer System

##### PART

330901-10-25-10-02-00

##### PRODUCT TYPE

NSv Proximity Probe

#### APTER POWER SALES TEAM

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## PRODUCT OVERVIEW

Bently Nevada 330901-10-25-10-02-00 is an unarmored 1/4-28 UNF 3300 XL NSv proximity probe with 2.5 in case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

1

Uses the compact 3300 XL NSv transducer architecture

2

Provides the documented 1/4-28 UNF mounting identity

3

Retains the 1.0 m probe-lead option

4

Uses the miniature clickloc coaxial connector with standard cable connection option

## SYSTEM COMPONENTS

matched 3300 XL NSv extension cable

compatible 3300 XL NSv Proximitior Sensor

approved target surface

configured monitor channel

### TECHNICAL NOTE

Match 330901-10-25-10-02-00 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.



## TECHNICAL DATA

| PARAMETER                | VALUE       |
|--------------------------|-------------|
| probe family             | 3300 XL NSv |
| mounting thread          | 1/4-28 UNF  |
| cable protection         | Unarmored   |
| unthreaded length code   | 1.0 in      |
| overall case-length code | 2.5 in      |
| total probe-lead length  | 1.0 m       |

| PARAMETER                  | VALUE                                                    |
|----------------------------|----------------------------------------------------------|
| connector and cable option | miniature ClickLoc coaxial connector with standard cable |
| agency-approval option     | not required                                             |
| linear measurement range   | 1.5 mm (60 mils)                                         |
| incremental scale factor   | 7.87 V/mm (200 mV/mil)                                   |
| frequency response         | 0 to 10 kHz, +0/-3 dB typical                            |
| recommended gap            | 1.0 mm (40 mils)                                         |

### ENGINEERING NOTE

Match 330901-10-25-10-02-00 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.

### RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

| BRAND + MODEL          | RELATED PRODUCT                  | APTER POWER LINK                        |
|------------------------|----------------------------------|-----------------------------------------|
| Honeywell 51403698 100 | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |
| Honeywell 10300 1 1    | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |
| Honeywell MC TDIA72    | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |
| Honeywell TK HAO081    | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |
| Honeywell 05704 A 0123 | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |
| Honeywell 10209 2 1    | Bently Nevada monitoring product | <a href="#">Open Bently Nevada page</a> |



# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### Small-target shaft vibration

Uses the compact 3300 XL NSv transducer architecture

### Axial position monitoring

Provides the documented 1/4-28 UNF mounting identity

### Tight-clearance installation

Retains the 1.0 m probe-lead option

### Exact NSv probe replacement

Uses the miniature clickloc coaxial connector with standard cable connection option

## MORE RELATED BENTLY NEVADA PRODUCTS

### Honeywell 51307038 100

Bently Nevada product - open page

### Honeywell 10014 H I

Bently Nevada product - open page

### Siemens 6GK1561 2AA00

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### Honeywell 10014 F F

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## PRODUCT PRECAUTIONS

- 1 Verify the complete 330901-10-25-10-02-00 marking and its assigned 3300 XL NSv Proximity Transducer System position before work.
- 2 Place the connected small-target shaft vibration process in the approved maintenance state.
- 3 Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4 Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5 Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.
- 6 Confirm the installed matched 3300 XL NSv extension cable and compatible 3300 XL NSv Proximitor Sensor against the approved project record.
- 7 Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- 8 Prove the intended axial position monitoring function and retain the final controlled acceptance result.

# ENGINEER FAQ

## Q1 Which probe family identifies Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the probe family as 3300 XL NSv. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q3 How must the cable protection of Bently Nevada 330901-10-25-10-02-00 be matched?

3300 XL NSv Proximity Transducer System Datasheet documents the cable protection as Unarmored. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q5 What does the official record state for the overall case-length code of Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the overall case-length code as 2.5 in. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q7 Which exact connector and cable option distinguishes Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the connector and cable option as miniature ClickLoc coaxial connector with standard cable. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q2 What mounting thread is published for Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the mounting thread as 1/4-28 UNF. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q4 Which unthreaded length code must technicians retain for Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the unthreaded length code as 1.0 in. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q6 How should the total probe-lead length be verified on Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the total probe-lead length as 1.0 m. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

## Q8 What agency-approval option is used when commissioning Bently Nevada 330901-10-25-10-02-00?

3300 XL NSv Proximity Transducer System Datasheet documents the agency-approval option as not required. Confirm the complete 330901-10-25-10-02-00 marking and the installed-system record before service.

**SOURCE** 3300 XL NSv Proximity Transducer System Datasheet | 147385 Rev. R

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