# Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Product dashboard

Release 330101-10-27-05-02-05 only after exact identity, connector condition, documented gap and monitor response agree.

### IDENTITY

Bently Nevada 330101-10-27-05-02-05

### PRODUCT ROLE

Proximity Probe

### PLATFORM

3300 XL 8 mm Proximity Transducer System

### CONTROL BASIS

Exact evidence plus installed-system record

| | |
|---|---|
| **Exact model** | 330101-10-27-05-02-05 |
| **Probe family** | 330101 |
| **Probe case thread** | 3/8-24 UNF |
| **Unthreaded length** | 1.0 in |
| **Case length** | 2.7 in |
| **Total probe length** | 0.5 m |

The dashboard places 330101-10-27-05-02-05 identity, operating role and maintenance boundaries in one review surface for the 3300 XL 8 mm Proximity Transducer System installation.

## Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

# Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Technical matrix

| | |
|---|---|
| **Exact model** | 330101-10-27-05-02-05 |
| **Probe family** | 330101 |
| **Probe case thread** | 3/8-24 UNF |
| **Unthreaded length** | 1.0 in |
| **Case length** | 2.7 in |
| **Total probe length** | 0.5 m |
| **Cable construction** | 75 ohm triaxial FEP, unarmored |
| **Connector selection** | Miniature coaxial ClickLoc without protector |
| **Approval selection** | 05, multiple approvals |
| **Linear range** | 2.0 mm (80 mils) |

## DATA USE

Values support exact-model identification and configuration review.

## LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

## RECORD SOURCE

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet

## REVISION NOTE

Baker Hughes publication 141194, Rev. AN

# Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Application architecture

### Radial vibration

Measures shaft motion in a correctly engineered 3300 XL 8 mm channel.

### Axial position

Supports static position measurement within the documented linear range.

### Phase reference

Can form the probe end of a compatible phase-reference channel.

### Exact suffix renewal

Restores the 330101-10-27-05-02-05 execution without borrowing another probe geometry.

| | |
|---|---|
| **Input to decision** | Exact label plus manufacturer evidence |
| **Installed context** | Rack, terminal, network, project and connected process |
| **Change control** | Approved scope and retained configuration baseline |
| **Proof** | Diagnostic state plus witnessed functional result |

Within the 3300 XL 8 mm Proximity Transducer System context, 330101-10-27-05-02-05 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

# Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Risk and decision register

### PRIMARY RISK

A mismatch between the 330101-10-27-05-02-05 label and the installed proximity probe record.

### CONFIGURATION RISK

Loss of the 330101-10-27-05-02-05 project, mapping, wiring or interface baseline.

### SELECTION RISK

Treating another 3300 XL 8 mm Proximity Transducer System item as automatically equivalent to 330101-10-27-05-02-05.

### RELEASE RISK

Returning 330101-10-27-05-02-05 to control before diagnostics and functional response are witnessed.

## Decision register

**330101-10-27-05-02-05: thread and armor?**

3/8-24 UNF; unarmored construction.

**330101-10-27-05-02-05: probe length?**

CC selects 0.5 m total probe length.

**330101-10-27-05-02-05: approval?**

EE selects 05, multiple approvals.

**330101-10-27-05-02-05: static gap?**

Set in the linear region; nominally about 1.27 mm at -9 Vdc.

**330101-10-27-05-02-05: case geometry?**

1.0 in unthreaded; 2.7 in overall case.

**330101-10-27-05-02-05: connector?**

DD selects miniature coaxial clickloc without protector.

**330101-10-27-05-02-05: system-length rule?**

Probe plus extension equals the Proximitor Sensor length.

**330101-10-27-05-02-05: final checks?**

Record identity, target, gap, polarity, scale response and cable route.

## Decision closeout

Approve the 330101-10-27-05-02-05 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

# Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Canonical record and support

| | |
|---|---|
| **Canonical identity** | Bently Nevada 330101-10-27-05-02-05 |
| **Product name** | Proximity Probe |
| **Family** | 3300 XL 8 mm Proximity Transducer System |
| **Selection boundary** | Exact identity; no neighboring-model inference |
| **Release boundary** | Installed record plus witnessed functional proof |

## VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

**Bently Nevada 330130-040-03-00**

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**Bently Nevada 330130-035-00-05**

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**Bently Nevada 330130-080-13-05**

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**Bently Nevada 330130-046-00-06**

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## MANUFACTURER EVIDENCE RECORD

**Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet**

Baker Hughes publication 141194, Rev. AN

## CONTACT APTER POWER

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Send the exact model, quantity, destination and requested condition for a quotation.