330909-00-30-10-02-00

Bently Nevada | 3300 XL NSv Proximity Probe

Bently Nevada 330909-00-30-10-02-00 is an armored 3300 XL NSv proximity probe for noncontact shaft position and vibration monitoring. Use it with a matching extension cable and NSv Proximitor Sensor for the required system length.

Product details

Manufacturer part number
330909-00-30-10-02-00

Shipping
Swift global dispatch

Condition
New, original product

Shipping size (est.)
1.5cm × 1.3cm × 121cm

Country of Origin
USA

Weight
0.1 kg

Overview

The armored 330909 probe is one segment of a 3300 XL NSv measurement chain. Electrical length is set by the probe, separately selected extension cable and matching NSv Proximitor Sensor.

The 330909 base number specifies an armored 3300 NSv proximity probe with 3/8-24 UNF thread. The 00 and 30 groups specify a 0.0 in unthreaded section and 3.0 in overall case length. Check bracket fit, insertion depth and target clearance.

Group 10 supplies a 1.0 m integral lead. Group 02 specifies standard cable and a miniature coaxial ClickLoc connector without protector. Select an NSv extension cable and Proximitor Sensor for one intended total electrical length; confirm each marking before gap setting.

The final 00 means agency approval is not requested by this code. Check the actual offered label and site drawing before energization. The product dimensions are shipping measurements, not installation dimensions.

Alternative Names

Bently Nevada 330909 00 30 10 02 00 | 3300 XL NSv armored probe, order groups 00 / 30 / 10 / 02 / 00

Technical specifications

Bently Nevada | 330909-00-30-10-02-00

Probe family
3300 XL NSv

Case thread
3/8-24 UNF

Cable armor
With armor (330909)

Unthreaded length
00 - 0.0 in

Case length
30 - 3.0 in

Integral lead
10 - 1.0 m

Cable type
02 - standard probe cable

Connector
02 - miniature coaxial ClickLoc, no protector

Approval option
00 - no agency approval requested

Technical notes

Code map: AA and BB set case geometry; CC is probe length; DD defines cable and connector; EE is approval option.

Measurement chain: The 1.0 m probe lead must be combined with a suitable NSv extension cable and sensor for the chosen electrical system length.

Technical source: Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet, 147385 Rev. R. The ordering table identifies the 330909 construction and five option groups.

Applications and precautions

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System and supply context: 330909-00-30-10-02-00 is the armored 1.0 m probe segment. Select the NSv extension cable and sensor separately unless the offer itemizes them.

Platform applications: A correctly matched NSv system supports noncontact shaft measurements in restricted mechanical space when target material, monitor and site procedure are suitable.

Applications / Compatibility

Restricted-space shaft vibration

Confirm the smaller NSv sensor geometry, shaft target and monitor input before fitting the 3/8-24 probe.

Axial position

Set the gap against the approved target and verify travel within the selected NSv system range.

Speed or phase reference

Use a suitable target feature and compatible channel; test event timing under controlled rotation.

Replacement review

Compare the 3.0 in armored case, 1.0 m lead, unprotected ClickLoc and full approval option.

Product Precautions

01 Read all option groups

Compare the complete 330909-00-30-10-02-00 marking with the removed unit; base-family similarity does not establish an interchangeable length.

02 Verify mechanical fit

Check 3/8-24 thread, 0.0 in unthreaded section and 3.0 in overall case before adjustment.

03 Match NSv system length

Record the 1.0 m probe lead, selected NSv extension cable and Proximitor Sensor length markings.

04 Protect the connector

Option 02 has no protector. Inspect ClickLoc mating surfaces, moisture protection and strain relief.

05 Review approval requirement

Option 00 requests no agency approval; compare the actual label and site drawing.

06 Capture baseline

Record target, gap voltage and controlled channel response after installation.

Lifecycle and ordering

Bently Nevada | 330909-00-30-10-02-00

Lifecycle Status

330909-00-30-10-02-00 status

A current lifecycle phase for this exact complete probe configuration has not been confirmed.

Support and replacement

Match the armored NSv probe, extension cable and sensor. Compare the 3.0 in case, ClickLoc connection and approval marking before replacement.

Apter Power availability

The offered unit quantity and dispatch date are confirmed separately in the quotation.

Available Unit Details

Offered reference

Bently Nevada 330909-00-30-10-02-00. Condition: New, original product.

Identity check

Check all groups of 330909-00-30-10-02-00: armored 330909 3/8-24 probe; 00 unthreaded section; 30 overall case; 10 1.0 m integral lead; 02 standard ClickLoc without protector; 00 approval.

Included items

The offered item is the armored probe with its integral 1.0 m cable. Confirm whether the extension cable, NSv Proximitor Sensor and mounting hardware are in the quotation; they are separate unless itemized.

What happens after you enquire

1 Review your reference

Send the complete 330909-00-30-10-02-00 code, companion NSv cable and sensor markings, quantity and site approval needs.

2 Confirm the offer

Review the offered condition, exact code, included accessories, quantity and dispatch date in the quotation.

3 Arrange dispatch

Confirm accepted quantity and delivery destination so dispatch can be arranged.

Ordering checks

Match the complete marking

Include 330909-00-30-10-02-00 and any revision or probe marking visible on the item. Keep the exact reference on your enquiry and quotation.

Check the offered item before ordering

Request available probe-label and connector photos. Have your maintenance team compare the offered 330909-00-30-10-02-00 with the installed equipment and applicable Bently Nevada documentation.

Technical FAQ and Downloads

Bently Nevada | 330909-00-30-10-02-00

What does the 330909 base number in 330909-00-30-10-02-00 identify?

An armored 3300 XL NSv proximity probe with 3/8-24 UNF case thread.

What case dimensions are coded in 330909-00-30-10-02-00?

Option 00 gives 0.0 in unthreaded length and option 30 gives 3.0 in overall case length.

What is the integral cable length of 330909-00-30-10-02-00?

Option 10 specifies 1.0 m total probe length including the attached cable.

Does 330909-00-30-10-02-00 have a connector protector?

No. Option 02 is the standard cable with a miniature coaxial ClickLoc connector without protector.

Downloads on the product page

330909-00-30-10-02-00 Technical Reference

Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet, 147385 Rev. R; original datasheet, 34 pages.

330909-00-30-10-02-00 Installation & Commissioning Guide

Apter Power field guide covering complete-code checks, matched system length, installation and acceptance; 3 pages.

Use the published page controls for the technical reference and field guide. The View PDF control opens this product-page document.

Other Apter Power listings

Bently Nevada 330130-085-00-02
Bently Nevada 330101-00-12-05-02-05
Bently Nevada 330102-04-16-10-02-00
Bently Nevada 330104-00-16-10-02-00

Technical FAQ continued

Bently Nevada | 330909-00-30-10-02-00

How is the sensor system matched for 330909-00-30-10-02-00?

Choose an NSv extension cable and Proximitor Sensor so the combined probe and extension electrical length matches the sensor marking.

What does the final 00 on 330909-00-30-10-02-00 mean?

The agency approval option is not required by the order code; confirm the actual unit label and site requirements.

Why can 330909-00-30-10-02-00 fit but give an incorrect reading?

Thread fit does not prove NSv electrical length, monitor configuration, target material or gap. Check all four.

What should be recorded after installing 330909-00-30-10-02-00?

Record full probe, extension and sensor codes, target, gap voltage, approval labels and controlled response.

Other Apter Power listings

Bently Nevada 330104-00-24-10-02-00
Bently Nevada 330130-035-00-00
Bently Nevada 330103-00-07-20-02-00
Bently Nevada 330901-00-30-10-11-05

Ask about the complete marking

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