

Bently Nevada 330901-10-60-70-02-05

Complete Product Information

Bently Nevada 330901-10-60-70-02-05 extends the slim-tip 3300 XL NSv sensing family into a long-case, seven-metre probe execution.

WHAT THIS PRODUCT DOES

Bently Nevada 330901-10-60-70-02-05 is a 1/4-28 UNF 3300 XL NSv probe without armor, configured with a 1.0 in unthreaded section, a 6.0 in case and a 7.0 m standard lead.

Product characteristic 1

Uses the small-footprint NSv probe geometry for restricted measurement locations.

Product characteristic 2

Provides a 6.0 in case with a 1.0 in unthreaded section.

Product characteristic 3

Carries a 7.0 m lead for the selected NSv system arrangement.

Product characteristic 4

Uses the 1/4-28 UNF unarmored probe execution with multiple approvals.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Probe family	3300 XL NSv
Thread	1/4-28 UNF
Armor	Without armor
Unthreaded length	1.0 in

IMPORTANT NOTICE

Match the complete 330901-10-60-70-02-05 marking before removing the installed probe. Verify proportional voltage response, polarity and channel indication before returning the machine to service.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Probe family	3300 XL NSv
Thread	1/4-28 UNF
Armor	Without armor
Unthreaded length	1.0 in
Case length	6.0 in
Total length	7.0 m
Connector option	02, no connector protector
Approval option	05, multiple approvals

FEATURE INTERPRETATION

Product identity Uses the small-footprint NSv probe geometry for restricted measurement locations.	System role Provides a 6.0 in case with a 1.0 in unthreaded section.
Service context Carries a 7.0 m lead for the selected NSv system arrangement.	Return-to-service focus Uses the 1/4-28 UNF unarmored probe execution with multiple approvals.

SIGNAL OR CONTROL PATH



The long case and lead must be supported and routed so they do not alter the installed gap or place stress on the sensing tip. The matched NSv sensor and cable path determine final performance.

PRODUCT-PAGE TECHNICAL QUESTIONS

Which sensing family does 330901-10-60-70-02-05 belong to?	It is a 3300 XL NSv proximity probe with a 1/4-28 UNF thread and no armor.
What case geometry is selected by 10-60 in 330901-10-60-70-02-05?	The pair specifies a 1.0 in unthreaded length and a 6.0 in overall case.
How should the 70 length code in 330901-10-60-70-02-05 be read?	The 70 option specifies a 7.0 m total length.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Shaft-relative vibration Uses the installed probe position to observe dynamic shaft motion in small-shaft and restricted-clearance locations.	Static position Supports non-contact measurement of shaft position inside the calibrated transducer-system range.
Machine protection input Feeds the matched Proximitor sensor and monitoring channel used for alarms and protection logic.	Commissioning verification Allows gap, signal response and channel direction to be checked after installation.

APPLICATION VERIFICATION MAP

Shaft-relative vibration	Confirm the documented system position and the required operating function.
Static position	Compare the restored connection or control path with the approved record.
Machine protection input	Check the physical interface and the retained configuration before startup.
Commissioning verification	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

How should the 70 length code in 330901-10-60-70-02-05 be read?	The 70 option specifies a 7.0 m total length.
What does the terminal 05 select for 330901-10-60-70-02-05?	It selects the multiple-approvals execution listed for the NSv probe family.
Does code 02 on 330901-10-60-70-02-05 include a connector protector?	No. It selects the standard ClickLoc connector without the protector.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Match the complete 330901-10-60-70-02-05 marking before removing the installed probe.
- 02 Confirm the mounting interface is 1/4-28 UNF and that the case provides adequate thread engagement.
- 03 Keep the probe, extension cable and Proximitor sensor at the documented NSv system electrical length.
- 04 Protect the probe tip, coaxial lead and ClickLoc connector from impact, contamination and sharp bends.
- 05 Route the lead away from hot surfaces, rotating parts and locations that can crush or abrade the cable.
- 06 Use the connector protector only when it is included in the complete ordering code.
- 07 Set the probe gap with the matched system and the controlled target material before enabling protection.
- 08 Verify proportional voltage response, polarity and channel indication before returning the machine to service.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Which sensing family does 330901-10-60-70-02-05 belong to?	It is a 3300 XL NSv proximity probe with a 1/4-28 UNF thread and no armor.
What case geometry is selected by 10-60 in 330901-10-60-70-02-05?	The pair specifies a 1.0 in unthreaded length and a 6.0 in overall case.
How should the 70 length code in 330901-10-60-70-02-05 be read?	The 70 option specifies a 7.0 m total length.
What does the terminal 05 select for 330901-10-60-70-02-05?	It selects the multiple-approvals execution listed for the NSv probe family.

IMPORTANT NOTICE

Match the complete 330901-10-60-70-02-05 marking before removing the installed probe. Verify proportional voltage response, polarity and channel indication before returning the machine to service.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

Does code 02 on 330901-10-60-70-02-05 include a connector protector?	No. It selects the standard ClickLoc connector without the protector.
Why is lead support important for 330901-10-60-70-02-05?	The seven-metre lead must be strain-relieved and protected so its routing does not load the probe or connector.
Can an 8 mm Proximitior sensor be assumed for 330901-10-60-70-02-05?	No. Keep the probe inside the matched 3300 XL NSv transducer system and verify every component identifier.
What response test should follow installation of 330901-10-60-70-02-05?	Move the target or use an approved verification method to confirm correct proportional response across the intended gap range.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

Bently Nevada 330103-02-08-10-02-CN	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330130-075-01-00	Related product reference. Compare the required interface and system position.
Bently Nevada 330879-03-00	Related product reference. Confirm the execution independently for the intended task.

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