Bently Nevada 330901-00-15-70-02-05

Bently Nevada 330901-00-15-70-02-05 is a unarmored 3300 XL NSv proximity probe with a 1/4-28 UNF mounting thread, 7.0 m integral lead and miniature clickloc coaxial connector with standard cable. It forms the sensing end of a matched eddy-current transducer chain.

IMPORTANT NOTICE	Only values tied to the documented product family and visible ordering fields are used. Unresolved suffixes remain unchanged.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Uses a 1/4-28 UNF threaded probe case for the specified mounting interface.
- Provides a unarmored lead with a total length of 7.0 m.
- Terminates through miniature clickloc coaxial connector with standard cable.
- Forms part of a matched 3300 XL NSv probe, extension-cable and Proximitor sensor chain.

Related models

Bently Nevada 330103-12-25-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-12-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-04-10-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-22-50-12-05	Related portfolio reference; verify the complete execution.

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Readiness gate

Identity Compare the complete label with the work order and installed record.	**System match** Confirm mating components, channel type and configuration.
Condition Inspect connectors, terminals, mounting surfaces and cable condition.	**Controls** Apply authorized isolation and machinery-protection bypass controls.

Technical profile

Transducer family	3300 XL NSv
Measurement principle	Non-contact eddy current
Mounting thread	1/4-28 UNF
Unthreaded section	0.0 in
Overall case length	1.5 in
Integral lead length	7.0 m

Manufacturer evidence

Datasheet 147385 Rev. R defines the 330901 probe family and the selected 00-15-70-02-05 ordering fields.

Related models

Bently Nevada 330103-12-25-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-12-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-04-10-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-22-50-12-05	Related portfolio reference; verify the complete execution.

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Installation sequence

01 Confirm the complete 330901-00-15-70-02-05 marking before removing the installed probe.	**02** Verify the 1/4-28 UNF mounting thread, 0.0 in unthreaded section and 1.5 in case clearance.
03 Match probe and extension-cable length to the installed Proximitor electrical length.	**04** Keep the coaxial joint clean, dry and free from side load.
05 Do not shorten, splice or twist the calibrated probe lead.	**06** Maintain the required target material, diameter and side-view clearance.

Connection record

As found	Photograph and label each connection before removal.
Mechanical	Confirm correct mounting, support and connector engagement.
Electrical	Verify polarity, common, shield and channel assignment.
Configuration	Restore the approved settings for this exact position.

IMPORTANT NOTICE	Never use a nearby model, MOD execution or unresolved suffix as an automatic replacement.

Site record

Work order	Record reference and authorized scope.
Installed position	Record machine, channel or rack location.
As-found status	Record signal, alarm or channel condition.
Technician review	Record independent verification before energizing.

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Commissioning checks

Power-up Observe initial status and confirm no unexpected fault or alarm.	**Static check** Verify the expected bias, gap, loop or channel value.
Dynamic check Apply the approved machine or test response and confirm scaling.	**Protection check** Verify configured alarm, relay or receiving-system behavior.

Final precautions

- Set the working gap from the matched system response and machine procedure.
- Record gap voltage, channel OK state and dynamic response before release.

Application confirmation

Radial vibration Measure relative shaft motion at an approved metallic target.	**Axial position** Track shaft-position change where the mechanical range and mounting are qualified.
Reference timing Provide a shaft-event signal when the installed target and monitor support the application.	**Condition monitoring** Deliver dynamic displacement and static gap information to compatible electronics.

Related models

Bently Nevada 330103-12-25-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-12-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-04-10-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-22-50-12-05	Related portfolio reference; verify the complete execution.

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Acceptance checklist

Exact identity	Label matches the authorized product record.
Mating system	All required components and configuration agree.
Physical condition	Mounting, routing, connectors and terminals are secure.
Signal quality	Static and dynamic readings meet the approved expectation.
Protection state	Bypasses are removed and alarms or relays are restored.
Documentation	Results, changes and unresolved items are recorded.

Technical FAQ

Which sensing family includes Bently Nevada 330901-00-15-70-02-05?
It belongs to the 3300 XL NSv proximity-transducer family.

What mounting interface is selected for Bently Nevada 330901-00-15-70-02-05?
The probe uses a 1/4-28 UNF thread with a 0.0 in unthreaded section and 1.5 in overall case.

How long is the integral lead on Bently Nevada 330901-00-15-70-02-05?
The selected lead length is 7.0 m.

What cable construction is used by Bently Nevada 330901-00-15-70-02-05?
This execution is unarmored.

Related models

Bently Nevada 330103-12-25-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-12-10-01-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-04-10-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-22-50-12-05	Related portfolio reference; verify the complete execution.

IMPORTANT NOTICE Release the equipment only after the site acceptance authority approves the recorded result.

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