01 INSTALLATION & COMMISSIONING

Bently Nevada 330910-05-10-02-00

01 / PLAN AND IDENTIFY

Bently Nevada 330910-05-10-02-00 is an armored, M10 x 1 member of the 3300 XL NSv proximity-probe family for non-contacting shaft vibration and position measurements in tight installations.

Identity gate

Supplied identifier	330910-05-10-02-00
Base family	330910 3300 NSv probe
Thread	M10 x 1
Cable protection	Flexible stainless-steel armor
Suffix boundary	The supplied identifier is retained exactly; undecoded option positions require nameplate confirmation

Work boundary

Exact item	Installed context	Acceptance
330910-05-10-02-00	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

Capture the complete identifier, installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

147385 Rev. R: NSv system function and reference conditions pp. 1-2; probe family and ordering table p. 12; 330910 M10 x 1 armored construction p. 30.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
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03 / INSTALL AND CONNECT

04 / Installation check

Read and record the full 330910-05-10-02-00 marking before removal.

05 / Installation check

Do not infer a missing ordering position; compare the nameplate with the installed-system record.

06 / Installation check

Verify M10 x 1 thread engagement and probe-tip clearance before tightening.

07 / Installation check

Match the probe and extension cable to the selected NSv Proximitor electrical length.

08 / Installation check

Keep ClickLoc connections clean, insulated from ground and assembled to the specified method.

Documented data to respect

Probe Family	3300 XL NSv
Base Probe	330910
Mounting Thread	M10 x 1
Cable Protection	Flexible AISI 302 stainless-steel armor
System Linear Range	1.5 mm (60 mils)
Recommended Gap	1.0 mm (40 mils)

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The probe forms the machine-end element of a calibrated proximity-transducer chain. The installed reading depends on the exact probe marking, companion extension cable, Proximitor length selection, target material and accepted static gap.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

What linear range applies to the matched Bently Nevada 330910-05-10-02-00 system?

The matched NSv system is specified for a 1.5 mm (60 mil) linear range under the stated reference conditions.

What gap is recommended for Bently Nevada 330910-05-10-02-00?

The NSv system reference gap is 1.0 mm (40 mils); the installed point still requires a recorded acceptance check.

Can a nearby probe suffix replace Bently Nevada 330910-05-10-02-00?

No. Compare the complete marking, mechanical lengths, cable execution, connector and approval selection.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.

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05 / HANDOVER

Why are some option meanings omitted for Bently Nevada 330910-05-10-02-00?

The supplied marking has fewer option groups than the current manufacturer table, so unsupported positions are intentionally not decoded.

What confirms commissioning of Bently Nevada 330910-05-10-02-00?

Record the exact component chain, static gap, gap voltage, dynamic response and the accepted machine-channel result.

Handover record

Identity	Exact model and installed location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.

Manufacturer evidence

147385 Rev. R: NSv system function and reference conditions pp. 1-2; probe family and ordering table p. 12; 330910 M10 x 1 armored construction p. 30.

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