01 INSTALLATION & COMMISSIONING

Bently Nevada 330703-050-120-10-02-00

01 / PLAN THE WORK

Bently Nevada 330703-050-120-10-02-00 is a 3300 XL 11 mm proximity probe with a M14 x 1.5 threaded case, no armor, 50 mm unthreaded length, 120 mm case length and a 1.0 m ClickLoc lead.

Work boundary

Signal role	Installed context	Acceptance
Configured measurement or control path	Mating component or rack position	Machine-specific functional check

01 Record the as-found configuration

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

Readiness focus

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source

Related models

Bently Nevada 330103-00-03-10-02-00	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

Configuration	Installed channel and companion parts 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

146256 Rev. L: probe construction, system performance and metric 330703/330709 ordering fields.

Related models

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03 / INSTALL AND CONNECT

04 / Installation check

Verify the full 330703-050-120-10-02-00 identifier before replacing another 11 mm probe.

05 / Installation check

Confirm the M14 x 1.5 mounting thread and 120 mm case envelope.

06 / Installation check

Check the 50 mm unthreaded section against the bracket and target geometry.

07 / Installation check

Match the 1.0 m lead with the extension cable and 11 mm Proximitor length.

08 / Installation check

Protect the ClickLoc connector from dirt, moisture and side load.

Documented data to respect

Thread	M14 x 1.5
Lead armor	No
Unthreaded length	50 mm
Overall case length	120 mm
Total length	1.0 m
Connector and cable	ClickLoc connector; standard cable

Related models

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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

This probe belongs to an electrically matched extended-range chain. Mechanical reach, target geometry, cable length, Proximitor selection and installed gap must be verified as one configuration.

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

Configuration	Installed channel and companion parts 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 mechanical lengths belong to Bently Nevada 330703-050-120-10-02-00?

It has 50 mm unthreaded length and a 120 mm overall case.

What lead is selected on Bently Nevada 330703-050-120-10-02-00?

The code selects a 1.0 m standard lead with ClickLoc termination.

What range applies to the matched Bently Nevada 330703-050-120-10-02-00 system?

The documented 3300 XL 11 mm system linear range is 4 mm.

Related models

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

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05 / HANDOVER

Can Bently Nevada 330703-050-120-10-02-00 be mixed with an 8 mm Proximitor?

No. Use the matched 11 mm transducer chain specified for the installation.

What confirms commissioning of Bently Nevada 330703-050-120-10-02-00?

Verify exact identity, matched chain, working gap, OK state and approved dynamic response.

Handover record

Installed point	Rack, channel or measurement 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 models

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Manufacturer evidence

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