Bently Nevada 330703-000-040-10-11-00

Installation & Commissioning Guide

Bently Nevada 330703-000-040-10-11-00 is a 3300 XL 11 mm proximity probe with a 0 mm unthreaded length, 40 mm case, 1.0 m total length and armored FluidLoc cable.

PRODUCT ROLE AND VERIFIED FEATURES

Feature 1

Uses the 3300 XL 11 mm eddy-current transducer family.

Feature 2

Provides a 40 mm case with no unthreaded section.

Feature 3

Supplies a 1.0 m probe assembly for the matched system.

Feature 4

Uses an armored FluidLoc lead with miniature ClickLoc termination.

VERIFIED DATA SNAPSHOT

Transducer family	3300 XL 11 mm
Probe case	Straight-thread probe
Unthreaded length	0 mm
Overall case length	40 mm
Total probe length	1.0 m
Connector and cable option	Miniature ClickLoc connector with armored FluidLoc cable
Agency approval option	Not required

SYSTEM RELATIONSHIP

Machine target → **Sensing tip** → **Coaxial signal path** → **Receiving electronics**

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Scan the approved WhatsApp code for model-specific support.

Pre-installation readiness

READINESS GATE

Identity

Compare the complete marking with the approved work order and installed record.

System match

Confirm the receiving channel, mating components and controlled configuration.

Physical condition

Inspect mounting surfaces, connectors, terminals, cable and support hardware.

Work controls

Apply authorized isolation, bypass, access and restoration procedures.

TECHNICAL PROFILE FOR THE WORK

Transducer family 3300 XL 11 mm	**Probe case** Straight-thread probe
Unthreaded length 0 mm	**Overall case length** 40 mm
Total probe length 1.0 m	**Connector and cable option** Miniature ClickLoc connector with armored FluidLoc cable
Agency approval option Not required	

IMPORTANT NOTICE	Resolve every unmatched interface, configuration or receiving-system condition before removal or installation.

CONFIGURATION AND WORK CONTROLS

Configuration identity	Bently Nevada 330703-000-040-10-11-00
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

Installation sequence

CONTROLLED WORK STEPS

01	Match all five ordering-code groups before removal.
02	Use only the documented 3300 XL 11 mm extension cable and Proximitor sensor.
03	Do not shorten, splice or repair the calibrated probe lead.
04	Protect the ClickLoc connector from contamination during handling.
05	Route the armored FluidLoc lead without exceeding its bend limit.
06	Set the probe gap inside the calibrated linear region.
07	Verify polarity and proportional target response after connection.
08	Restore the assigned monitor channel and protection logic only after functional testing.

CONNECTION RECORD

As found	Photograph and label every connection and installed orientation before removal.
Mechanical	Record mounting position, support, clearance and connector engagement.
Electrical	Record polarity, common, shield, channel assignment and cable route.
Configuration	Preserve approved settings, scaling, alarm logic and acceptance limits.
As left	Record the final physical condition and any controlled deviation.

Machine target → **Sensing tip** → **Coaxial signal path** → **Receiving electronics**

WORK HOLD POINTS

Before removal	Identity, position, wiring, orientation and controlled settings recorded.
Before connection	Mating interfaces, condition and routing reviewed.
Before power-up	Mechanical work, wiring, shielding and configuration independently checked.
Before release	Static value, dynamic response and protection behavior accepted.

Commissioning and functional proof

COMMISSIONING SEQUENCE

Initial state

Observe status at power-up and check for unexpected fault or alarm indication.

Static value

Verify the expected bias, gap, loop, contact or channel value for the application.

Dynamic response

Apply the approved machine or test stimulus and confirm response and scaling.

Protection path

Verify the configured alarm, relay, data or receiving-system behavior.

APPLICATION-SPECIFIC EVIDENCE

Radial vibration measurement

Supports non-contact shaft-vibration measurement on large rotating machinery.

Axial position measurement

Measures controlled shaft position within the calibrated transducer range.

Differential expansion systems

Provides the sensing element for matched machinery-protection loops.

Oil-exposed probe routing

Uses the FluidLoc cable option to reduce leakage through the cable interior.

ACCEPTANCE RECORD

Identity	Complete marking and final installed position recorded.
Physical inspection	Mounting, connectors, terminals and routing checked.
Channel status	Expected status and configured measurement confirmed.
Functional test	Required output or protection response demonstrated.
Restoration	Bypasses removed and operating state approved.

COMMISSIONING QUESTIONS

Which transducer family applies to 330703-000-040-10-11-00?	The documented transducer family is 3300 XL 11 mm.
How is 330703-000-040-10-11-00 specified for probe case?	The documented probe case is Straight-thread probe.
What unthreaded length should be checked on 330703-000-040-10-11-00?	The documented unthreaded length is 0 mm.
Why does overall case length matter when selecting 330703-000-040-10-11-00?	The documented overall case length is 40 mm.

Release record and technical references

CLOSEOUT QUESTIONS

Where does 330703-000-040-10-11-00 use its stated total probe length?	The documented total probe length is 1.0 m.
What value is documented for the connector and cable option of 330703-000-040-10-11-00?	The documented connector and cable option is Miniature ClickLoc connector with armored FluidLoc cable.
Which records should be retained before removing 330703-000-040-10-11-00?	Record the complete marking, installed position, wiring, keying and controlled configuration before removal.
Which acceptance checks should follow installation of 330703-000-040-10-11-00?	Verify physical engagement, channel status, diagnostics and the intended signal or communication response before release.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330980-51-CN	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330130-045-00-CN	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330851-02-000-040-10-00-05	Installation-planning reference. Confirm the execution independently for the intended task.

CONFIGURATION AND FINAL CONTROL

Configuration identity	Bently Nevada 330703-000-040-10-11-00
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

IMPORTANT NOTICE	Release the equipment only after the responsible site authority accepts the recorded result.

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