

Bently Nevada 330104-00-08-15-02-00

Installation & Commissioning Guide

Bently Nevada 330104-00-08-15-02-00 is an armored M10 x 1 proximity probe with a fully threaded 80 mm case, a 1.5 m standard lead and a ClickLoc connector without protector.

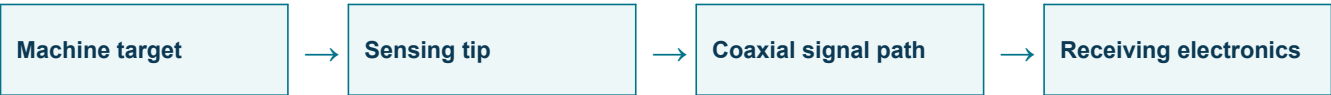
PRODUCT ROLE AND VERIFIED FEATURES

Feature 1 Uses the armored 330104 metric probe construction.	Feature 2 Provides a fully threaded 80 mm M10 x 1 case.
Feature 3 Carries a 1.5 m standard cable inside the armor assembly.	Feature 4 Ends in the code-02 ClickLoc termination without a protector.

VERIFIED DATA SNAPSHOT

Transducer family	3300 XL 8 mm
Mounting thread	M10 x 1
Lead protection	Stainless-steel armor
Unthreaded length	0 mm

SYSTEM RELATIONSHIP



APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
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 8 mm	Mounting thread M10 x 1
Lead protection Stainless-steel armor	Unthreaded length 0 mm
Case length 80 mm	Probe length 1.5 m
Connector ClickLoc without connector protector	Approvals Not required

IMPORTANT NOTICE

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

SOURCE AND WORK CONTROLS

Manufacturer source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM.
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.

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Installation sequence

CONTROLLED WORK STEPS

- 01 Match the complete 330104-00-08-15-02-00 marking before removing the installed probe.
- 02 Confirm the mounting interface is M10 x 1 and that the case provides adequate thread engagement.
- 03 Keep the probe, extension cable and Proximitor sensor at the documented matched 3300 XL 8 mm 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.

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.



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

Shaft-relative vibration Uses the installed probe position to observe dynamic shaft motion in metric armored probe positions.	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.

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 part of 330104-00-08-15-02-00 is armored?	The 330104 construction adds stainless-steel armor to the probe lead.
What case profile is specified by 00-08 in 330104-00-08-15-02-00?	It is a fully threaded case with 0 mm unthreaded length and 80 mm overall length.

Release record and technical references

CLOSEOUT QUESTIONS

How much cable is integral to 330104-00-08-15-02-00?	The 15 option specifies 1.5 m total probe length.
Does 330104-00-08-15-02-00 have the ClickLoc protector?	No. Connector code 02 omits the protector.
Which approval package is selected on 330104-00-08-15-02-00?	The terminal 00 means the agency-approval option is not required.
How should the armor on 330104-00-08-15-02-00 be restrained?	Support it independently so bending or vibration loads are not transferred to the case or connector.
What thread must be prepared for 330104-00-08-15-02-00?	Use a clean M10 x 1 mounting thread with adequate engagement and target clearance.
What proves the signal path after fitting 330104-00-08-15-02-00?	A controlled gap change must produce the expected voltage and monitor response across the matched system.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330881-28-04-214-00-02	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330881-28-04-265-00-02	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 24701-28-05-00-070-04-02	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER SOURCE AND FINAL CONTROL

Manufacturer source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM.
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.

IMPORTANT NOTICE

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

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