

Bently Nevada 330103-02-04-10-02-CN

Complete Product Information

Bently Nevada 330103-02-04-10-02-CN supplies the shorter 40 mm metric case execution for non-contact shaft vibration and position sensing.

WHAT THIS PRODUCT DOES

Bently Nevada 330103-02-04-10-02-CN is an unarmored M10 x 1 probe configured with a 20 mm unthreaded section, a 40 mm case and a 1.0 m standard ClickLoc lead.

Product characteristic 1 Uses the 330103 metric probe body without stainless-steel armor.	Product characteristic 2 Pairs a 20 mm unthreaded section with a 40 mm case for compact mounting.
Product characteristic 3 Provides a 1.0 m standard coaxial lead for the selected system arrangement.	Product characteristic 4 Terminates with the code-02 ClickLoc connection without a protector.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Probe family	3300 XL 8 mm
Case thread	M10 x 1
Case construction	Standard mount, without armor
Unthreaded section	20 mm

IMPORTANT NOTICE	Match the complete 330103-02-04-10-02-CN marking before removing the installed probe. Verify proportional voltage response, polarity and channel indication before returning the machine to service.
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Features and technical data

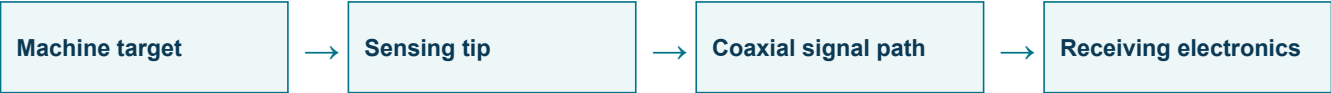
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Probe family	3300 XL 8 mm
Case thread	M10 x 1
Case construction	Standard mount, without armor
Unthreaded section	20 mm
Case length	40 mm
Lead length	1.0 m
Termination	ClickLoc connector without protector
Lead type	Standard cable

FEATURE INTERPRETATION

Product identity Uses the 330103 metric probe body without stainless-steel armor.	System role Pairs a 20 mm unthreaded section with a 40 mm case for compact mounting.
Service context Provides a 1.0 m standard coaxial lead for the selected system arrangement.	Return-to-service focus Terminates with the code-02 ClickLoc connection without a protector.

SIGNAL OR CONTROL PATH



This execution leaves 20 mm of threaded case behind the unthreaded section. Mounting hardware and probe gap must preserve the intended sensing position and system response.

PRODUCT-PAGE TECHNICAL QUESTIONS

Why is the 04 case option significant on 330103-02-04-10-02-CN?	It specifies a 40 mm overall case, producing a compact metric probe body.
What threaded engagement remains after the unthreaded section on 330103-02-04-10-02-CN?	The ordering string specifies a 40 mm case and a 20 mm unthreaded section; the installation must use the remaining threaded portion correctly.
Which probe family must be used with 330103-02-04-10-02-CN?	It belongs to the 3300 XL 8 mm transducer system and must stay with matched 8 mm components.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

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

APPLICATION VERIFICATION MAP

Shaft-relative vibration	Confirm the documented system position and the required operating function.
Static position	Compare the restored connection or control path with the approved record.
Machine protection input	Check the physical interface and the retained configuration before startup.
Commissioning verification	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which probe family must be used with 330103-02-04-10-02-CN?	It belongs to the 3300 XL 8 mm transducer system and must stay with matched 8 mm components.
Is a connector protector supplied by the 02 option in 330103-02-04-10-02-CN?	No. Code 02 is the miniature coaxial ClickLoc connector without the protector.
What lead construction is built into 330103-02-04-10-02-CN?	It uses a 1.0 m standard cable lead.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Match the complete 330103-02-04-10-02-CN 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 Proximitar sensor at the documented selected 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.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Why is the 04 case option significant on 330103-02-04-10-02-CN?	It specifies a 40 mm overall case, producing a compact metric probe body.
What threaded engagement remains after the unthreaded section on 330103-02-04-10-02-CN?	The ordering string specifies a 40 mm case and a 20 mm unthreaded section; the installation must use the remaining threaded portion correctly.
Which probe family must be used with 330103-02-04-10-02-CN?	It belongs to the 3300 XL 8 mm transducer system and must stay with matched 8 mm components.
Is a connector protector supplied by the 02 option in 330103-02-04-10-02-CN?	No. Code 02 is the miniature coaxial ClickLoc connector without the protector.

IMPORTANT NOTICE

Match the complete 330103-02-04-10-02-CN marking before removing the installed probe. Verify proportional voltage response, polarity and channel indication before returning the machine to service.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What lead construction is built into 330103-02-04-10-02-CN?	It uses a 1.0 m standard cable lead.
Where is 330103-02-04-10-02-CN normally applied?	It is used for non-contact shaft-relative vibration or static position measurements at a compatible M10 x 1 mounting point.
What should be checked before tightening 330103-02-04-10-02-CN?	Confirm thread condition, insertion depth, clearance to the target and safe lead routing before applying the approved mounting torque.
How is the restored channel for 330103-02-04-10-02-CN accepted?	Verify gap voltage, response direction, dynamic indication and the absence of system or connector faults.

MANUFACTURER EVIDENCE RECORD

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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330851-02-000-040-10-00-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330102-00-12-10-01-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330190-045-01-05	Related product reference. Confirm the execution independently for the intended task.

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