

Bently Nevada 330102-00-12-10-01-05

Complete Product Information

Bently Nevada 330102-00-12-10-01-05 adds stainless-steel lead armor and a protected ClickLoc termination to a one-metre 3300 XL 8 mm probe.

WHAT THIS PRODUCT DOES

Bently Nevada 330102-00-12-10-01-05 is a 3/8-24 UNF armored 3300 XL 8 mm probe with a 1.2 in case, a 1.0 m standard lead and a connector protector.

Product characteristic 1

Uses the armored 330102 probe construction for physical cable protection.

Product characteristic 2

Provides a fully threaded 1.2 in standard-mount case.

Product characteristic 3

Includes a one-metre standard lead and connector protector.

Product characteristic 4

Selects the multiple-approval execution identified by code 05.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Probe family	3300 XL 8 mm
Thread	3/8-24 UNF
Construction	Standard mount with armor
Unthreaded length	0.0 in

IMPORTANT NOTICE

Match the complete 330102-00-12-10-01-05 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

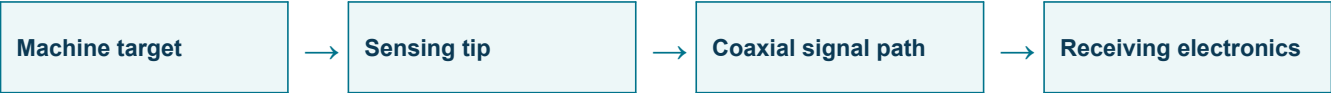
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Probe family	3300 XL 8 mm
Thread	3/8-24 UNF
Construction	Standard mount with armor
Unthreaded length	0.0 in
Case length	1.2 in
Total length	1.0 m
Connector option	01, ClickLoc with connector protector
Approval option	05, CSA/ATEX/IECEX

FEATURE INTERPRETATION

Product identity Uses the armored 330102 probe construction for physical cable protection.	System role Provides a fully threaded 1.2 in standard-mount case.
Service context Includes a one-metre standard lead and connector protector.	Return-to-service focus Selects the multiple-approval execution identified by code 05.

SIGNAL OR CONTROL PATH



Armor protects the probe lead from mechanical damage but does not replace correct routing or strain relief. The protector must be installed without contaminating the ClickLoc contact surfaces.

PRODUCT-PAGE TECHNICAL QUESTIONS

What does the 330102 prefix identify in 330102-00-12-10-01-05?	It identifies the 3/8-24 UNF standard-mount 3300 XL 8 mm probe with armor.
Is the case of 330102-00-12-10-01-05 partly unthreaded?	No. Code 00 specifies 0.0 in unthreaded length.
Translate the 12 case segment in 330102-00-12-10-01-05 into its physical length.	Code 12 specifies a 1.2 in overall case.

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 imperial-threaded machinery locations.	Static position Supports non-contact measurement of shaft position inside the calibrated transducer-system range.
Machine protection input Feeds the matched Proximitors 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

Translate the 12 case segment in 330102-00-12-10-01-05 into its physical length.	Code 12 specifies a 1.2 in overall case.
Which connector hardware accompanies 330102-00-12-10-01-05?	Code 01 selects the miniature ClickLoc connector with its connector protector.
How does the final 05 qualify the 330102-00-12-10-01-05 probe execution?	Code 05 selects the CSA, ATEX and IECEx approval execution listed for the family.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Match the complete 330102-00-12-10-01-05 marking before removing the installed probe.
- 02 Confirm the mounting interface is 3/8-24 UNF 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.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What does the 330102 prefix identify in 330102-00-12-10-01-05?	It identifies the 3/8-24 UNF standard-mount 3300 XL 8 mm probe with armor.
Is the case of 330102-00-12-10-01-05 partly unthreaded?	No. Code 00 specifies 0.0 in unthreaded length.
Translate the 12 case segment in 330102-00-12-10-01-05 into its physical length.	Code 12 specifies a 1.2 in overall case.
Which connector hardware accompanies 330102-00-12-10-01-05?	Code 01 selects the miniature ClickLoc connector with its connector protector.

IMPORTANT NOTICE

Match the complete 330102-00-12-10-01-05 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

How does the final 05 qualify the 330102-00-12-10-01-05 probe execution?	Code 05 selects the CSA, ATEX and IECEx approval execution listed for the family.
What does the stainless-steel armor protect on 330102-00-12-10-01-05?	It provides mechanical protection around the probe lead; the lead still requires proper bend radius and support.
Which electrical length does the probe contribute in 330102-00-12-10-01-05?	It contributes a 1.0 m probe lead to the matched system.
What must be inspected before mating 330102-00-12-10-01-05?	Inspect the ClickLoc contacts, protector, armor termination and lead condition, then confirm the matched 8 mm system.

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 330881-28-04-265-00-02	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330130-070-01-00	Related product reference. Compare the required interface and system position.
Bently Nevada 330104-00-08-15-02-00	Related product reference. Confirm the execution independently for the intended task.

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