Bently Nevada 330101-00-63-10-02-00

Complete Product Information

Bently Nevada 330101-00-63-10-02-00 places a 3300 XL 8 mm sensing tip at the machine measurement point through a 3/8-24 UNF without armor case.

WHAT THIS PRODUCT DOES

Bently Nevada 330101-00-63-10-02-00 is a 3300 XL 8 mm non-contact probe with a 3/8-24 UNF case, 6.3 in overall case and 1.0 m integral lead. It connects through clickloc connector without protector, standard cable within a matched transducer system.

Product characteristic 1

Uses the 3/8-24 UNF case defined for the 330101 probe family.

Product characteristic 2

Provides 0.0 in of unthreaded case and 6.3 in overall case length.

Product characteristic 3

Carries a 1.0 m integral lead with clickloc connector without protector, standard cable.

Product characteristic 4

Operates as one component of the matched 3300 XL 8 mm transducer chain.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Transducer family	3300 XL 8 mm
Measurement principle	Non-contact eddy current
Mounting thread	3/8-24 UNF
Case construction	without armor

IMPORTANT NOTICE

Match the complete 330101-00-63-10-02-00 marking and the assigned machine point before removal. Record bias voltage, signal direction and dynamic response during final acceptance.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Transducer family	3300 XL 8 mm
Measurement principle	Non-contact eddy current
Mounting thread	3/8-24 UNF
Case construction	without armor
Unthreaded section	0.0 in
Overall case length	6.3 in
Integral lead length	1.0 m
Termination	ClickLoc connector without protector, standard cable
Approval selection	Not required
System rule	Probe plus extension cable equals the selected Proximitor electrical length

FEATURE INTERPRETATION

Product identity

Uses the 3/8-24 UNF case defined for the 330101 probe family.

System role

Provides 0.0 in of unthreaded case and 6.3 in overall case length.

Service context

Carries a 1.0 m integral lead with clickloc connector without protector, standard cable.

Return-to-service focus

Operates as one component of the matched 3300 XL 8 mm transducer chain.

SIGNAL OR CONTROL PATH

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

The probe converts target clearance into the calibrated electrical response of the complete proximity system. The installed probe, extension cable, Proximitor sensor and monitor configuration must remain matched.

PRODUCT-PAGE TECHNICAL QUESTIONS

What sensing role does the 3300 XL 8 mm 6.3 in probe perform in 330101-00-63-10-02-00?	It belongs to the 3300 XL 8 mm proximity-transducer system.
Which machine thread accepts the 3/8-24 UNF, 6.3 in case of 330101-00-63-10-02-00?	The probe case uses 3/8-24 UNF.
What mounting adjustment remains with the 0.0 in plain section on the 6.3 in body of 330101-00-63-10-02-00?	The selected unthreaded section is 0.0 in.

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

Feeds non-contact shaft motion from the 3300 XL 8 mm sensing point into a matched monitoring channel.

Axial or radial position

Tracks static shaft position where the installed target and channel configuration permit.

Machine protection input

Supplies the conditioned transducer chain used for alarms, trips and condition monitoring.

Commissioning response check

Supports gap, polarity and proportional-response checks after installation.

APPLICATION VERIFICATION MAP

Shaft-relative vibration	Confirm the documented system position and the required operating function.
Axial or radial 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 response check	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

What mounting adjustment remains with the 0.0 in plain section on the 6.3 in body of 330101-00-63-10-02-00?	The selected unthreaded section is 0.0 in.
How should the 6.3 in case reach be checked for 330101-00-63-10-02-00?	The ordering string specifies 6.3 in overall case length.
What calibrated-length contribution comes from the 1.0 m lead on the 6.3 in execution of 330101-00-63-10-02-00?	The probe contributes 1.0 m of integral cable to the matched electrical length.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match the complete 330101-00-63-10-02-00 marking and the assigned machine point before removal.
02	Confirm the 3/8-24 UNF mounting interface and usable thread engagement before tightening.
03	Keep the probe inside a matched 3300 XL 8 mm probe, extension-cable and Proximitor chain.
04	Protect the sensing tip, lead and ClickLoc contacts from impact, contamination and moisture.
05	Route the integral lead away from hot surfaces, rotating parts and sharp bend points.
06	Use only the connector hardware included by the selected cable option.
07	Set the initial gap against the approved target material before enabling alarms.
08	Record bias voltage, signal direction and dynamic response during final acceptance.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What sensing role does the 3300 XL 8 mm 6.3 in probe perform in 330101-00-63-10-02-00?	It belongs to the 3300 XL 8 mm proximity-transducer system.
Which machine thread accepts the 3/8-24 UNF, 6.3 in case of 330101-00-63-10-02-00?	The probe case uses 3/8-24 UNF.
What mounting adjustment remains with the 0.0 in plain section on the 6.3 in body of 330101-00-63-10-02-00?	The selected unthreaded section is 0.0 in.
How should the 6.3 in case reach be checked for 330101-00-63-10-02-00?	The ordering string specifies 6.3 in overall case length.

IMPORTANT NOTICE	Match the complete 330101-00-63-10-02-00 marking and the assigned machine point before removal. Record bias voltage, signal direction and dynamic response during final acceptance.

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, configuration control and related models

ADDITIONAL TECHNICAL QUESTIONS

What calibrated-length contribution comes from the 1.0 m lead on the 6.3 in execution of 330101-00-63-10-02-00?	The probe contributes 1.0 m of integral cable to the matched electrical length.
What connector condition is required at the ClickLoc connector without protector, standard cable interface on the 6.3 in case of 330101-00-63-10-02-00?	It uses ClickLoc connector without protector, standard cable.
Why can the 3300 XL 8 mm 6.3 in/1.0 m chain not be mixed for 330101-00-63-10-02-00?	Changing probe or extension-cable length changes the calibrated electrical path to the Proximitor sensor.
Which bias-voltage response confirms correct gapping of the 3/8-24 UNF, 6.3 in case on 330101-00-63-10-02-00?	A controlled target movement should produce the expected bias change and proportional channel response without diagnostic faults.

CONFIGURATION CONTROL RECORD

Configuration identity	Bently Nevada 330101-00-63-10-02-00
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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330103-00-03-05-02-00	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330103-00-03-10-01-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330103-00-03-10-02-00	Related product reference. Confirm the execution independently for the intended task.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.