Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12

Complete Product Information

The probe places an 8 mm eddy-current sensing tip at the machine measurement point with a Order-defined length case configuration and a 1.0 m integral lead.

WHAT THIS PRODUCT DOES

Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12 is an unarmored 3/8-24 UNF 3300 XL 8 mm proximity probe for a matched probe, extension-cable and Proximitor sensor system.

Product characteristic 1

Uses a 3/8-24 UNF unarmored probe case.

Product characteristic 2

Provides the documented Order-defined length case selection.

Product characteristic 3

Terminates the 1.0 m lead with a miniature ClickLoc connector.

Product characteristic 4

Works as one calibrated element of the 3300 XL 8 mm transducer system.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Transducer family	3300 XL 8 mm
Measurement principle	Non-contact eddy current
Mounting thread	3/8-24 UNF
Probe case selection	Order-defined length

IMPORTANT NOTICE

Record the installed 330101-XX-XX-10-02-CN MOD:147773-00-12 interfaces and configuration before removal, then prove the monitored value, status and alarm path after installation.

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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
Probe case selection	Order-defined length
Integral lead	1.0 m
Termination	Miniature ClickLoc coaxial connector with standard cable
System scale factor	7.87 V/mm (200 mV/mil) in a matched system
System rule	Probe plus extension cable must match Proximitor electrical length

FEATURE INTERPRETATION

Product identity

Uses a 3/8-24 UNF unarmored probe case.

System role

Provides the documented Order-defined length case selection.

Service context

Terminates the 1.0 m lead with a miniature ClickLoc connector.

Return-to-service focus

Works as one calibrated element of the 3300 XL 8 mm transducer system.

SIGNAL OR CONTROL PATH

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

Use 330101-XX-XX-10-02-CN MOD:147773-00-12 only in the documented monitoring chain and verify the complete signal path after controlled replacement.

PRODUCT-PAGE TECHNICAL QUESTIONS

How is transducer family tested on Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented transducer family is 3300 XL 8 mm; confirm it against the installed record.
Which record preserves measurement principle for Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented measurement principle is Non-contact eddy current; confirm it against the installed record.
Which mounting thread applies to Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented mounting thread is 3/8-24 UNF; confirm it against the installed record.

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.

Radial vibration Measures shaft motion relative to the bearing.	**Axial position** Tracks non-contact shaft displacement.
Keyphasor service Provides a once-per-turn reference when configured.	**Machine commissioning** Supports gap and dynamic-response checks.

APPLICATION VERIFICATION MAP

Radial vibration	Confirm the documented system position and the required operating function.
Axial position	Compare the restored connection or control path with the approved record.
Keyphasor service	Check the physical interface and the retained configuration before startup.
Machine commissioning	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 does not establish interchangeability.

APPLICATION QUESTIONS

Which mounting thread applies to Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented mounting thread is 3/8-24 UNF; confirm it against the installed record.
How is probe case selection set on Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented probe case selection is Order-defined length; confirm it against the installed record.
What integral lead belongs to Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented integral lead is 1.0 m; confirm it against the installed record.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm the complete 330101-XX-XX-10-02-CN MOD:147773-00-12 marking and the documented 3300 xl 8 mm proximity probe position.
02	Place the affected machine protection channel in the approved maintenance state.
03	Record the installed transducer family, measurement principle and mounting thread before removal.
04	De-energize the associated monitor, sensor supply or field circuit as the procedure requires.
05	Label every connector, conductor and shield before separation.
06	Inspect mating contacts, mounting hardware and cable condition before installation.
07	Restore the retained configuration and verify signal polarity and proportional response.
08	Function-test the complete alarm, indication and shutdown path before returning the machine to service.

FREQUENTLY ASKED TECHNICAL QUESTIONS

How is transducer family tested on Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented transducer family is 3300 XL 8 mm; confirm it against the installed record.
Which record preserves measurement principle for Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented measurement principle is Non-contact eddy current; confirm it against the installed record.
Which mounting thread applies to Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented mounting thread is 3/8-24 UNF; confirm it against the installed record.
How is probe case selection set on Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented probe case selection is Order-defined length; confirm it against the installed record.

IMPORTANT NOTICE	Confirm the complete 330101-XX-XX-10-02-CN MOD:147773-00-12 identity and every mating interface before installation.

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, document reference and related models

ADDITIONAL TECHNICAL QUESTIONS

What integral lead belongs to Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented integral lead is 1.0 m; confirm it against the installed record.
Why verify termination for Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented termination is Miniature ClickLoc coaxial connector with standard cable; confirm it against the installed record.
Where is system scale factor used by Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented system scale factor is 7.87 V/mm (200 mV/mil) in a matched system; confirm it against the installed record.
What controls system rule on Bently Nevada 330101-XX-XX-10-02-CN MOD:147773-00-12?	The documented system rule is Probe plus extension cable must match Proximitor electrical length; confirm it against the installed record.

MANUFACTURER DOCUMENT REFERENCE

Manufacturer document	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194
Application scope	The values below apply to the identified product and its documented system relationship.
Selection rule	Use the complete ordering string and confirm the installed interfaces before selection.

RELATED MODELS ON APTERPOWER

Bently Nevada 330780-50-CN	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330980-51-CN	Related product reference. Compare the required interface and system position.
Bently Nevada 330750-40	Related product reference. Confirm the execution independently for the intended task.

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