Bently Nevada 330101-24-35-10-02-00

Bently Nevada 330101-24-35-10-02-00 is a unarmored 3300 XL 8 mm proximity probe with a 3/8-24 UNF mounting thread, 1.0 m integral lead and miniature clickloc coaxial connector with standard cable. It forms the sensing end of a matched eddy-current transducer chain.

IMPORTANT NOTICE	Only values tied to the documented product family and visible ordering fields are used. Unresolved suffixes remain unchanged.

Product capabilities

Feature 1
Uses a 3/8-24 UNF threaded probe case for the specified mounting interface.

Feature 2
Provides a unarmored lead with a total length of 1.0 m.

Feature 3
Terminates through miniature clickloc coaxial connector with standard cable.

Feature 4
Combines a 2.4 in unthreaded section with a 3.5 in overall case.

Evidence scope

Datasheet 141194 Rev. AN defines the 330101 imperial probe and the selected 24-35-10-02-00 fields.

Related models

Bently Nevada 330103-00-08-05-02-CN	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-06-05-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330102-00-28-10-02-05	Related portfolio reference; verify the complete execution.

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Manufacturer-supported technical data

Transducer family 3300 XL 8 mm	**Measurement principle** Non-contact eddy current
Mounting thread 3/8-24 UNF	**Unthreaded section** 2.4 in
Overall case length 3.5 in	**Integral lead length** 1.0 m
Lead construction Flexible insulated coaxial lead	**Termination** miniature ClickLoc coaxial connector with standard cable
System rule Probe, extension cable and Proximitor electrical length must match	

IMPORTANT NOTICE Use each value only for the component or complete system stated in the applicable manufacturer source.

System boundary

The proximity probe must remain within its defined transducer or monitoring-system boundary. Confirm the mating hardware, controlled configuration and final signal response before restoring protection.

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Common applications

Radial vibration
Measure relative shaft motion at an approved metallic target.

Axial position
Track shaft-position change where the mechanical range and mounting are qualified.

Reference timing
Provide a shaft-event signal when the installed target and monitor support the application.

Condition monitoring
Deliver dynamic displacement and static gap information to compatible electronics.

Commissioning path

1 / Identify
Record the complete label and installed context.

2 / Match
Confirm the intended probe, cable, module or monitor chain.

3 / Connect
Follow the controlled wiring and mounting procedure.

4 / Accept
Verify status, signal response and configured protection behavior.

Application boundary

Application examples describe typical use of the documented product family. Final channel type, target, mounting, loop scaling and protection logic remain machine-specific.

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Product precautions

01 Confirm the complete 330101-24-35-10-02-00 marking before removing the installed probe.	**02** Verify the 3/8-24 UNF mounting thread, 2.4 in unthreaded section and 3.5 in case clearance.
03 Match probe and extension-cable length to the installed Proximitor electrical length.	**04** Keep the coaxial joint clean, dry and free from side load.
05 Do not shorten, splice or twist the calibrated probe lead.	**06** Maintain the required target material, diameter and side-view clearance.
07 Set the working gap from the matched system response and machine procedure.	**08** Record gap voltage, channel OK state and dynamic response before release.

IMPORTANT NOTICE	Do not energize, bypass protection or return a channel to service until the applicable site authorization and functional acceptance are complete.

Release record

Identity	Complete label and installed position recorded
Configuration	Controlled settings restored and reviewed
Signal path	Connections, shielding and connector condition checked
Functional result	Expected status and response documented

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Technical questions

Which sensing family includes Bently Nevada 330101-24-35-10-02-00?
It belongs to the 3300 XL 8 mm proximity-transducer family.

What mounting interface is selected for Bently Nevada 330101-24-35-10-02-00?
The probe uses a 3/8-24 UNF thread with a 2.4 in unthreaded section and 3.5 in overall case.

How long is the integral lead on Bently Nevada 330101-24-35-10-02-00?
The selected lead length is 1.0 m.

What cable construction is used by Bently Nevada 330101-24-35-10-02-00?
This execution is unarmored.

Which connector option is fitted to Bently Nevada 330101-24-35-10-02-00?
It uses miniature clickloc coaxial connector with standard cable.

How should Bently Nevada 330101-24-35-10-02-00 be matched to the signal conditioner?
The probe and extension cable must equal the Proximitor system length.

Manufacturer reference

3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN

Datasheet 141194 Rev. AN defines the 330101 imperial probe and the selected 24-35-10-02-00 fields.

Related models

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