Bently Nevada 330103-00-05-15-02-CN

Bently Nevada 330103-00-05-15-02-CN is a unarmored 3300 XL 8 mm proximity probe using a M10 x 1 case and clickloc connector with standard cable. It operates with the matched extension cable and 3300 XL Proximitor sensor.

IMPORTANT NOTICE	Only directly supported technical values are included. Unresolved ordering codes are preserved without interpretation.

Product capabilities

Feature 1
Uses the M10 x 1 probe case specified by the ordering family.

Feature 2
Provides a unarmored lead execution with clickloc connector with standard cable.

Feature 3
Belongs to the 2 mm linear-range 3300 XL 8 mm transducer system.

Feature 4
The exact configuration fields select metric options encoded in 00-05-15-02-CN.

Evidence scope

141194 Rev. AN: probe construction, system performance and exact ordering fields for the selected probe family.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	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
Case thread M10 x 1	**Lead construction** Flexible FEP-insulated coaxial lead
Termination ClickLoc connector with standard cable	**Nominal system sensitivity** 7.87 V/mm (200 mV/mil)
Linear range 2 mm (80 mil)	**Reference target** AISI 4140 steel
Approval field CN retained as the documented country-specific suffix	**System rule** Probe and extension cable must match the Proximitor electrical length

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

System boundary

The proximity probe is applied only within the documented system boundary. Confirm the exact installed chain, interface condition and controlled configuration before returning the channel to service.

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Common applications

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

Axial position
Observe shaft-position change at a qualified mounting point.

Keyphasor reference
Provide a shaft-event signal when the installed target and monitor support it.

Condition monitoring
Supply 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.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
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Product precautions

01 Confirm the complete 330103-00-05-15-02-CN label before removing the installed probe.	**02** Verify the M10 x 1 mounting interface and approved probe orientation.
03 Match the probe, extension cable and Proximitor electrical length.	**04** Keep the coaxial joint clean, dry and free of side load.
05 Do not twist, shorten or splice the calibrated lead.	**06** Maintain target material and side-view clearance required by the system.
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 transducer family includes Bently Nevada 330103-00-05-15-02-CN?
It belongs to the 3300 XL 8 mm proximity transducer system.

Which mounting thread is used by Bently Nevada 330103-00-05-15-02-CN?
The probe case uses M10 x 1.

Is Bently Nevada 330103-00-05-15-02-CN armored?
This execution is unarmored.

Which termination is supplied on Bently Nevada 330103-00-05-15-02-CN?
ClickLoc connector with standard cable.

What nominal sensitivity applies to Bently Nevada 330103-00-05-15-02-CN?
The matched system has a nominal 7.87 V/mm sensitivity against the stated reference target.

Can Bently Nevada 330103-00-05-15-02-CN be mixed with any extension cable?
No. The probe and extension cable must match the Proximitor electrical length.

Manufacturer reference

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

141194 Rev. AN: probe construction, system performance and exact ordering fields for the selected probe family.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.

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