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.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Uses the M10 x 1 probe case specified by the ordering family.
- Provides a unarmored lead execution with clickloc connector with standard cable.
- Belongs to the 2 mm linear-range 3300 XL 8 mm transducer system.
- The exact configuration fields select metric options encoded in 00-05-15-02-CN.

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.

APTER POWER | APPLICATION SUPPORT
Phone: +86 180 3023 5313 Email: sales13@apterpower.com
www.apterpower.com

Readiness gate

Identity Compare the complete label with the work order and installed record.	**System match** Confirm mating components, channel type and configuration.
Condition Inspect connectors, terminals, mounting surfaces and cable condition.	**Controls** Apply authorized isolation and machinery-protection bypass controls.

Technical profile

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)

Manufacturer evidence

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.

APTER POWER | APPLICATION SUPPORT
Phone: +86 180 3023 5313 Email: sales13@apterpower.com
www.apterpower.com

Installation sequence

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.

Connection record

As found	Photograph and label each connection before removal.
Mechanical	Confirm correct mounting, support and connector engagement.
Electrical	Verify polarity, common, shield and channel assignment.
Configuration	Restore the approved settings for this exact position.

IMPORTANT NOTICE	Never use a nearby model, MOD execution or unresolved suffix as an automatic replacement.

Site record

Work order	Record reference and authorized scope.
Installed position	Record machine, channel or rack location.
As-found status	Record signal, alarm or channel condition.
Technician review	Record independent verification before energizing.

APTER POWER | APPLICATION SUPPORT
Phone: +86 180 3023 5313 Email: sales13@apterpower.com
www.apterpower.com

Commissioning checks

Power-up Observe initial status and confirm no unexpected fault or alarm.	**Static check** Verify the expected bias, gap, loop or channel value.
Dynamic check Apply the approved machine or test response and confirm scaling.	**Protection check** Verify configured alarm, relay or receiving-system behavior.

Final precautions

- Set the working gap from the matched system response and machine procedure.
- Record gap voltage, channel OK state and dynamic response before release.

Application confirmation

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.

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.

APTER POWER | APPLICATION SUPPORT
Phone: +86 180 3023 5313 Email: sales13@apterpower.com
www.apterpower.com

Acceptance checklist

Exact identity	Label matches the authorized product record.
Mating system	All required components and configuration agree.
Physical condition	Mounting, routing, connectors and terminals are secure.
Signal quality	Static and dynamic readings meet the approved expectation.
Protection state	Bypasses are removed and alarms or relays are restored.
Documentation	Results, changes and unresolved items are recorded.

Technical FAQ

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.

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.

IMPORTANT NOTICE Release the equipment only after the site acceptance authority approves the recorded result.

APTER POWER | APPLICATION SUPPORT
Phone: +86 180 3023 5313 Email: sales13@apterpower.com
www.apterpower.com