

Installation Identity and Scope

Bently Nevada 330103-00-03-50-02-05 is a 330103 metric standard-mount 3300 XL 8 mm proximity probe for shaft-relative vibration and position measurement. It uses the documented standard ClickLoc connection within a matched probe, cable and Proximitor Sensor chain.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330103-00-03-50-02-05
Manufacturer	Bently Nevada
Hardware type	8 mm Proximity Probe
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141194 Rev. AM

CONTROLLED ENGINEERING COPY

Use 330103-00-03-50-02-05 only in the documented matched 3300 XL 8 mm transducer chain. Verify the exact nameplate, M10 x 1 mounting, standard ClickLoc connection, target material, static gap and channel response before release.

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330103-00-03-50-02-05

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330103-00-03-50-02-05 marking before work.
2	Confirm the M10 x 1 mounting format.
3	Protect the standard ClickLoc connection from impact and contamination.
4	Keep probe and cable routing isolated from damage and electrical interference.
5	Use the documented target material or an approved correction.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330103-00-03-50-02-05
Physical interface	Exact Bently Nevada 330103-00-03-50-02-05 nameplate and installed revision
Companion check	Documented 8 mm Proximity Probe system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 125704-01	View Bently Nevada 125704-01
Bently Nevada 125728-01	View Bently Nevada 125728-01
Bently Nevada 125736-01	View Bently Nevada 125736-01
Bently Nevada 125760-01	View Bently Nevada 125760-01
Bently Nevada 126632-01	View Bently Nevada 126632-01

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330103-00-03-50-02-05 and the installed revision exactly.
Complete model	Verify the documented value: 330103-00-03-50-02-05.
System family	Verify the documented value: 3300 XL 8 mm proximity transducer system.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete 8 mm Proximity Probe function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use 330103-00-03-50-02-05 only in the documented matched 3300 XL 8 mm transducer chain. Verify the exact nameplate, M10 x 1 mounting, standard ClickLoc connection, target material, static gap and channel response before release.

Expected Technical Values

PARAMETER	VALUE
Complete model	330103-00-03-50-02-05
System family	3300 XL 8 mm proximity transducer system
Probe construction	330103 metric standard-mount; unarmored
Mounting format	M10 x 1

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 128031-01C	View Bently Nevada 128031-01C
Bently Nevada 128275-01	View Bently Nevada 128275-01

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330103-00-03-50-02-05 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 330103-00-03-50-02-05?	It is a 330103 metric standard-mount 3300 XL 8 mm proximity probe for a matched non-contacting transducer system.
Which mounting format applies to Bently Nevada 330103-00-03-50-02-05?	The official ordering family identifies the M10 x 1 mounting format.
Is Bently Nevada 330103-00-03-50-02-05 armored?	The documented probe construction is unarmored.
Which connector applies to Bently Nevada 330103-00-03-50-02-05?	The ordering code identifies standard ClickLoc connection.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 128275-01E	View Bently Nevada 128275-01E
Bently Nevada 128275-01F-C2-A0130944-01	View Bently Nevada 128275-01F-C2-A0130944-01
Bently Nevada 128276-01E-C2-A0131151-01	View Bently Nevada 128276-01E-C2-A0131151-01
Bently Nevada 128718-01	View Bently Nevada 128718-01
Bently Nevada 129525-0050-02	View Bently Nevada 129525-0050-02

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
How should the approval suffix on Bently Nevada 330103-00-03-50-02-05 be handled?	05 is the published multiple-approval option; verify the installed marking.
What target reference applies to Bently Nevada 330103-00-03-50-02-05?	Published performance is referenced to the manufacturer-specified AISI 4140 steel target and matched 3300 XL 8 mm chain.
What signal performance applies to Bently Nevada 330103-00-03-50-02-05?	The matched family publishes a nominal 7.87 V/mm scale factor and a 0 to 10 kHz response under the stated test conditions.
What confirms commissioning of Bently Nevada 330103-00-03-50-02-05?	Verify the complete marking, compatible cable and Proximitor Sensor, connector condition, static gap, polarity and dynamic channel response.

MANUFACTURER SOURCE RECORDS

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet - Baker Hughes / Bently Nevada publication 141194 Rev. AM

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330103-00-03-50-02-05 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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