

330103-00-03-50-02-05

8 mm Proximity Probe

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.

BRAND	Bently Nevada	MODEL	330103-00-03-50-02-05
PRODUCT	8 mm Proximity Probe	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet	RECORD	Baker Hughes / Bently Nevada publication 141194 Rev. AM

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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WHATSAPP / PHONE +86 180 3023 5313
 EMAIL sales13@apterpower.com
 WEBSITE www.apterpower.com



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Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

330103 metric standard-mount ordering family

FUNCTION 2

Unarmored probe construction

FUNCTION 3

standard ClickLoc connection

FUNCTION 4

Matched 3300 XL 8 mm signal chain

APPLICATION	ENGINEERING CONTEXT
Radial shaft vibration	Measures shaft-relative vibration through the approved matched transducer chain.
Axial position	Provides static shaft-position input with the approved target and gap.
Keyphasor reference	Supports documented phase and speed reference arrangements.
Machinery protection	Supplies a compatible Bently Nevada monitor channel with the conditioned proximity signal.

Technical Data and Acceptance

PARAMETER	VERIFIED 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
Connector option	standard ClickLoc connection
Approval control	05 is the published multiple-approval option; verify the installed marking.
Calibration target	AISI 4140 steel under published conditions
Nominal scale factor	7.87 V/mm (200 mV/mil) for the matched system
Frequency response	0 to 10 kHz, +0/-3 dB under published conditions
Standard probe temperature rating	-52 to +177 deg C

Acceptance Path

1 IDENTITY

The complete 330103-00-03-50-02-05 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 330103-00-03-50-02-05 marking before work.	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.
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	Which mounting format applies to Bently Nevada 330103-00-03-50-02-05?	The official ordering family identifies the M10 x 1 mounting format.
5	Use the documented target material or an approved correction.	Is Bently Nevada 330103-00-03-50-02-05 armored?	The documented probe construction is unarmored.
6	Match the probe, extension cable and Proximitar Sensor as one system.		
7	Set the static gap only with the current manufacturer procedure.	Which connector applies to Bently Nevada 330103-00-03-50-02-05?	The ordering code identifies standard ClickLoc connection.
8	Verify polarity, gap voltage and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130530-0050-02	View Bently Nevada 130530-0050-02
Bently Nevada 130539-14	View Bently Nevada 130539-14
Bently Nevada 130539-15	View Bently Nevada 130539-15
Bently Nevada 130539-17	View Bently Nevada 130539-17
Bently Nevada 130539-20	View Bently Nevada 130539-20
Bently Nevada 130539-30	View Bently Nevada 130539-30

FAQ, Related Products and Sources

QUESTION	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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-34	View Bently Nevada 130539-34
Bently Nevada 130539-35	View Bently Nevada 130539-35
Bently Nevada 130539-45	View Bently Nevada 130539-45
Bently Nevada 130539-50	View Bently Nevada 130539-50
Bently Nevada 130539-72	View Bently Nevada 130539-72
Bently Nevada 130539-99	View Bently Nevada 130539-99

MANUFACTURER SOURCE RECORDS

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

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