

330100-50-03

legacy Proximito Sensor

The supplied identity is a legacy 3300 Proximito Sensor. Current Bently Nevada 3300 XL manuals describe the matched probe, extension cable and Proximito architecture, while suffix 03 remains controlled by the installed nameplate.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3300 proximity transducer system

PART

330100-50-03

PRODUCT TYPE

legacy Proximito Sensor

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

The supplied identity is a legacy 3300 Proximito Sensor. Current Bently Nevada 3300 XL manuals describe the matched probe, extension cable and Proximito architecture, while suffix 03 remains controlled by the installed nameplate.

1

Retains the exact 330100-50-03 legacy identity

2

Conditions a matched eddy-current proximity signal

3

Supports static position and dynamic vibration measurement

4

Requires exact nameplate and system-length verification

SYSTEM COMPONENTS

3300 proximity transducer system

documented companion probe or cable

approved field wiring and shielding

monitoring-channel configuration record

TECHNICAL NOTE

Do not infer suffix 03 from a neighboring model. Match 330100-50-03 to the installed nameplate, probe, extension cable, total system length, target material and monitor-channel calibration before commissioning.



TECHNICAL DATA

PARAMETER	VALUE
Complete model	330100-50-03
Manufacturer	Bently Nevada
Product family	3300 proximity transducer system
Complete supplied identity	330100-50-03
Base product	330100 legacy Proximitor Sensor
System-length field	50; verify the installed five-metre system arrangement
Final suffix	03; retain exactly and verify from the nameplate or controlled legacy drawing

PARAMETER	VALUE
Measurement principle	Eddy-current proximity signal conditioning
System components	Matched probe, extension cable and Proximitor Sensor
Measured variables	Static position and dynamic vibration
Primary applications	Fluid-film bearing vibration/position, Keyphasor and speed
Connector system	Matched coaxial probe and extension-cable connection
Target reference	Confirm installed target material and calibration record

ENGINEERING NOTE

Do not infer suffix 03 from a neighboring model. Match 330100-50-03 to the installed nameplate, probe, extension cable, total system length, target material and monitor-channel calibration before commissioning.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 330103-00-16-10-12-CN	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330104-00-04-50-02-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130-080-12-05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330730-040-00-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330173-00-05-10-12-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330854-080-25-00	Bently Nevada monitoring product	Open Bently Nevada page



APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Radial shaft vibration

Retains the exact 330100-50-03 legacy identity

Shaft position

Conditions a matched eddy-current proximity signal

Keyphasor or speed reference

Supports static position and dynamic vibration measurement

Controlled legacy replacement

Requires exact nameplate and system-length verification

MORE RELATED BENTLY NEVADA PRODUCTS

[Bently Nevada 330105-02-12-15-12-CN](#)

Bently Nevada product - open page

[Bently Nevada 330101-00-19-10-02-00](#)

Bently Nevada product - open page

[Bently Nevada 330104-10-20-05-02-00](#)

Bently Nevada product - open page

[Bently Nevada 330104-01-05-10-02-00](#)

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330100-50-03



PRODUCT PRECAUTIONS

- 1 Verify the complete 330100-50-03 nameplate and installed system position before work.
- 2 Place the connected machine and monitoring channel in the approved maintenance state before handling 330100-50-03.
- 3 Isolate the documented supply and field wiring before disconnecting 330100-50-03.
- 4 Record every terminal, cable, shield and companion component associated with 330100-50-03.
- 5 Protect the coaxial connection and prevent contamination or mechanical damage during replacement of 330100-50-03.
- 6 Match the documented system length and target material before energizing 330100-50-03.
- 7 Restore power with correct polarity and review the output for fault indications after energizing 330100-50-03.
- 8 Complete a controlled response test and retain the final acceptance record for 330100-50-03.

ENGINEER FAQ

Q1 What exact identity must be retained for Bently Nevada 330100-50-03?

Retain the complete 330100-50-03 marking; do not shorten it to the 330100 base number.

Q2 What does the 50 field require on Bently Nevada 330100-50-03?

Treat 50 as the controlled system-length field and verify the installed five-metre probe-plus-cable arrangement before use.

Q3 Can suffix 03 on Bently Nevada 330100-50-03 be replaced with another approval code?

No. Retain 03 exactly and verify it against the nameplate or controlled legacy drawing.

Q4 What system components must match Bently Nevada 330100-50-03?

The probe, extension cable and Proximitor Sensor must form the documented matched system.

Q5 What variables can the Bently Nevada 330100-50-03 system measure?

The matched proximity system supports static position and dynamic vibration measurements.

Q6 What cable records are required before replacing Bently Nevada 330100-50-03?

Record total electrical length, connector identity, cable route, shielding and the assigned monitor channel.

Q7 Why must Bently Nevada 330100-50-03 target material be checked?

The installed target and calibration affect the proportional gap output and must match the controlled system record.

Q8 What is the final acceptance test for Bently Nevada 330100-50-03?

Confirm exact identity, matched cable length, correct polarity, stable bias/gap output and a controlled functional response.

SOURCE Bently Nevada 3300 XL 8 mm Proximity Transducer System datasheet | 141194 Rev. AM; supplied official series PDF used without decoding unsupported legacy suffix 03

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