

330100-50-03

Legacy Proximity Sensor

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330100-50-03
Manufacturer part	330100-50-03
Hardware type	330100-50-03
System family	3300 proximity transducer system



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

- 3300 proximity transducer system
- documented companion probe or cable
- approved field wiring and shielding
- monitoring-channel configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330100-50-03 / 330100-50-03 recorded
Physical interface	3300 proximity transducer system
Companion check	documented companion probe or cable
Functional proof	Retains the exact 330100-50-03 legacy identity
Application test	Radial shaft vibration



02 WIRING & INTERFACE CHECKS

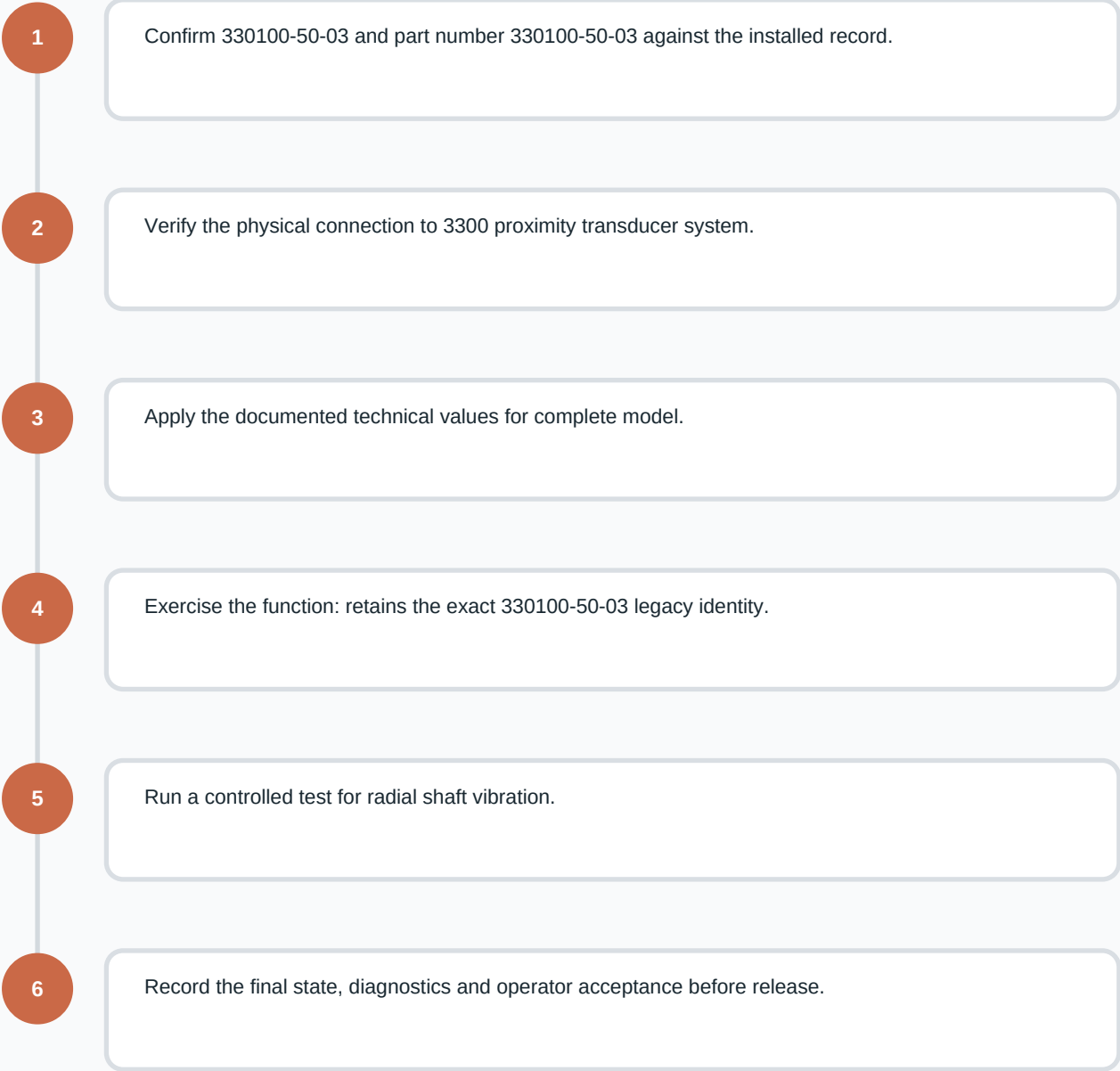
CHECK ITEM	REQUIRED VALUE
Complete model	330100-50-03
Manufacturer	Bently Nevada
Product family	3300 proximity transducer system
Complete supplied identity	330100-50-03
Base product	330100 legacy Proximitor Sensor
System-length field	50; verify the installed five-metre system arrangement
Final suffix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

FIELD 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.



03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330100-50-03 / 330100-50-03 recorded
Physical interface	3300 proximity transducer system
Companion check	documented companion probe or cable
Functional proof	Retains the exact 330100-50-03 legacy identity
Application test	Radial shaft vibration



04 RETURN-TO-SERVICE RECORD

- ☐
- Match the documented system length and target material before energizing 330100-50-03.
- ☐
- Restore power with correct polarity and review the output for fault indications after energizing 330100-50-03.
- ☐
- Complete a controlled response test and retain the final acceptance record for 330100-50-03.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330100-50-03
INSTALLED POSITION	Documented 3300 proximity transducer system position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 330130-070-00-05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130-040-03-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130-035-00-05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130-080-13-05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130-046-00-06	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330525-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330877-080-37-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330909-00-80-10-02-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330703-000-050-10-02-00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330703-000-060-10-02-00	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

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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