

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330909-00-80-10-02-05

NSv Proximity Probe

CONTROLLED ENGINEERING COPY

Match 330909-00-80-10-02-05 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330909-00-80-10-02-05
Manufacturer part	330909-00-80-10-02-05
Hardware type	3300 XL NSv
System family	3300 XL NSv Proximity Transducer System



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330909-00-80-10-02-05 marking and its assigned 3300 XL NSv Proximity Transducer System position before work.
- 2

Place the connected small-target shaft vibration process in the approved maintenance state.
- 3

Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4

Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5

Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.

MATCHED HARDWARE

- matched 3300 XL NSv extension cable
- compatible 3300 XL NSv Proximitior Sensor
- approved target surface
- configured monitor channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330909-00-80-10-02-05 / 330909-00-80-10-02-05 recorded
Physical interface	matched 3300 XL NSv extension cable
Companion check	compatible 3300 XL NSv Proximitior Sensor
Functional proof	Uses the compact 3300 XL NSv transducer architecture
Application test	Small-target shaft vibration



02 WIRING & INTERFACE CHECKS

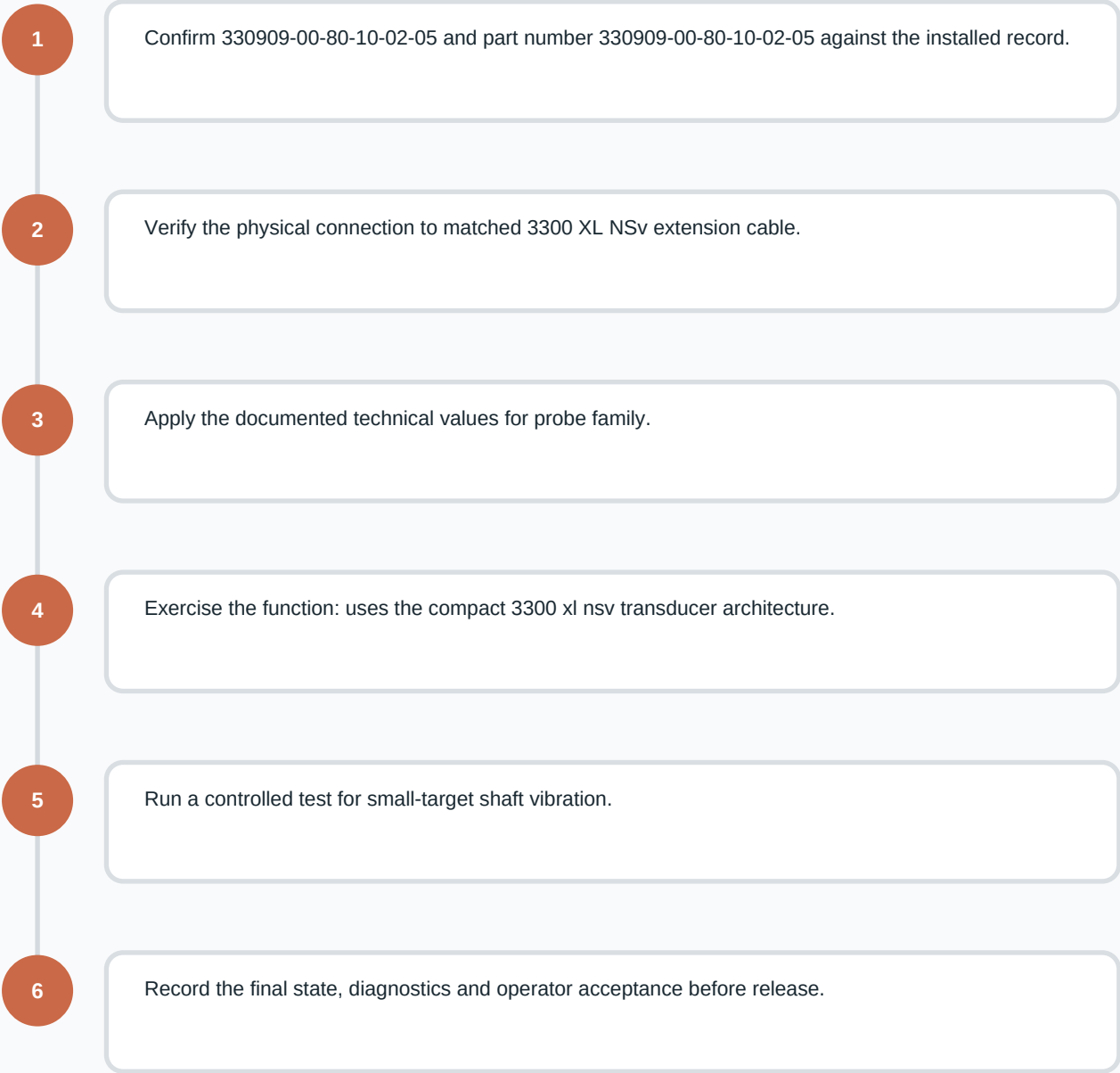
CHECK ITEM	REQUIRED VALUE
probe family	3300 XL NSv
mounting thread	3/8-24 UNF
cable protection	Stainless-steel armored
unthreaded length code	0.0 in
overall case-length code	8.0 in
total probe-lead length	1.0 m
connector and cable option	miniature ClickLoc coaxial connector with standard cable
agency-approval option	CSA, ATEX and IECEx
linear measurement range	1.5 mm (60 mils)
incremental scale factor	7.87 V/mm (200 mV/mil)
frequency response	0 to 10 kHz, +0/-3 dB typical
recommended gap	1.0 mm (40 mils)

FIELD NOTE

Match 330909-00-80-10-02-05 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.



03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330909-00-80-10-02-05 / 330909-00-80-10-02-05 recorded
Physical interface	matched 3300 XL NSv extension cable
Companion check	compatible 3300 XL NSv Proximitior Sensor
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Application test	Small-target shaft vibration



04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed matched 3300 XL NSv extension cable and compatible 3300 XL NSv Proximity Sensor against the approved project record.
- ☐ Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- ☐ Prove the intended axial position monitoring function and retain the final controlled acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330909-00-80-10-02-05
INSTALLED POSITION	Documented 3300 XL NSv 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
Siemens A5E36228241	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E00282044	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330901 00 90 10 02 05 953416	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330330 080 01 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330330 070 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330854 080 05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330851 02 000 080 10 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330851 01 000 020 10 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330850 91 05	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330876 01 50 01 05	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

3300 XL NSv Proximity Transducer System Datasheet
147385 Rev. R

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