

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330905-14-19-10-02-05

NSv Proximity Probe

CONTROLLED ENGINEERING COPY

Match 330905-14-19-10-02-05 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330905-14-19-10-02-05
Manufacturer part	330905-14-19-10-02-05
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 330905-14-19-10-02-05 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	330905-14-19-10-02-05 / 330905-14-19-10-02-05 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

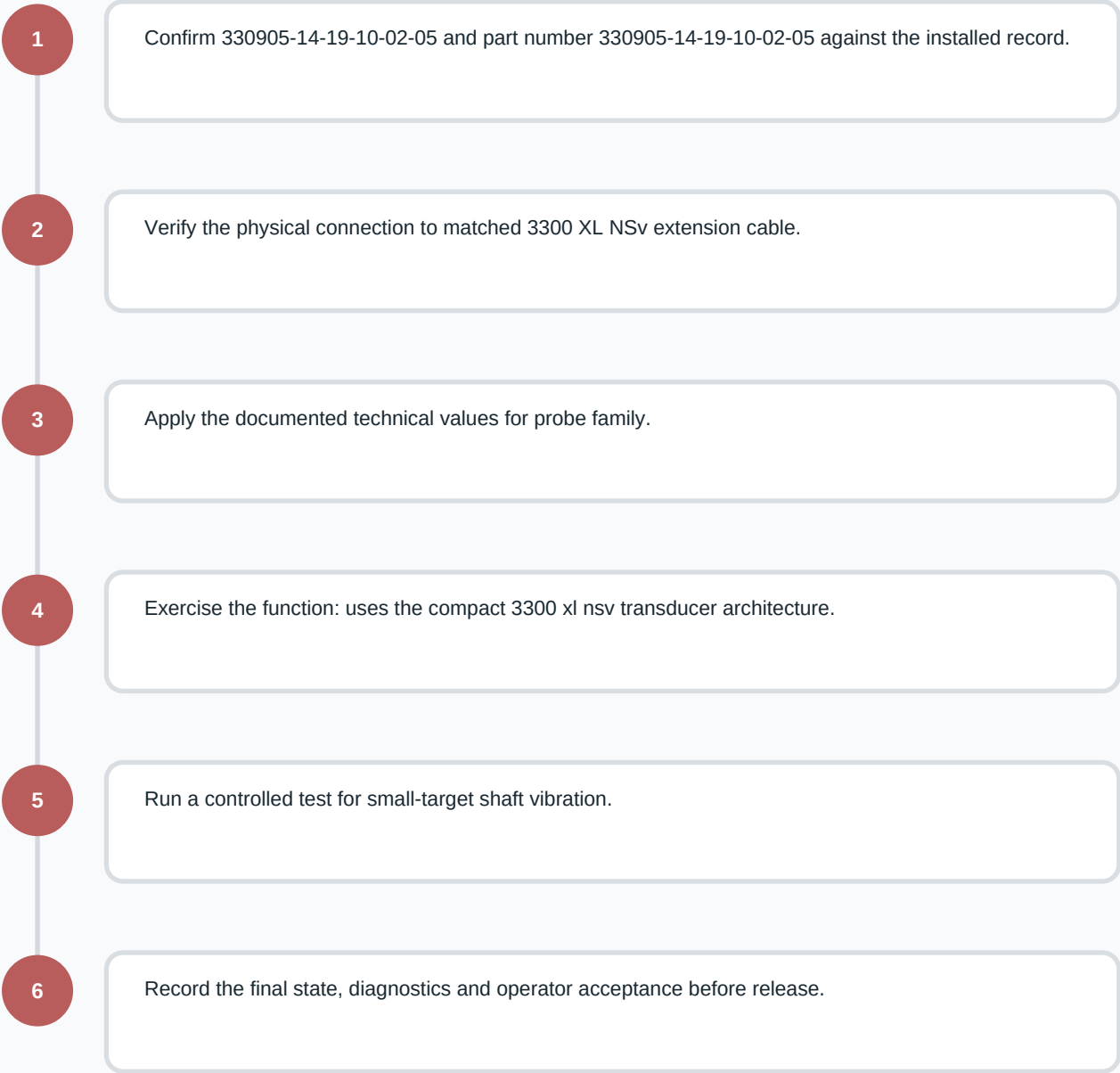
CHECK ITEM	REQUIRED VALUE
probe family	3300 XL NSv
mounting thread	M10 x 1
cable protection	Unarmored
unthreaded length code	140 mm
overall case-length code	190 mm
total probe-lead length	1.0 m
connector and cable option	miniature ClickLoc coaxial connector with standard cable
agency-approval option	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 330905-14-19-10-02-05 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	330905-14-19-10-02-05 / 330905-14-19-10-02-05 recorded
Physical interface	matched 3300 XL NSv extension cable
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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	330905-14-19-10-02-05
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 6SE7036 1EE85 1HA0	Bently Nevada monitoring product	Open Bently Nevada page
Siemens C98043 A1682 L1	Bently Nevada monitoring product	Open Bently Nevada page
GE IC693MDL741G	Bently Nevada monitoring product	Open Bently Nevada page
GE IC670MDL640	Bently Nevada monitoring product	Open Bently Nevada page
GE DS200SLCCG3AFG	Bently Nevada monitoring product	Open Bently Nevada page
GE F31X134EPRBEG1 FR00 0	Bently Nevada monitoring product	Open Bently Nevada page
Allen-Bradley 2711P RC3	Bently Nevada monitoring product	Open Bently Nevada page
Schneider Electric PC E984 685	Bently Nevada monitoring product	Open Bently Nevada page
Allen-Bradley 2711 B6C1	Bently Nevada monitoring product	Open Bently Nevada page
ABB DSTD110A	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

3300 XL NSv Proximity Transducer System Datasheet
147385 Rev. R

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