

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330901-10-25-10-02-00

NSv Proximity Probe

CONTROLLED ENGINEERING COPY

Match 330901-10-25-10-02-00 to the documented 3300 XL NSv system length, probe geometry, connector, target, gap and host-channel configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330901-10-25-10-02-00
Manufacturer part	330901-10-25-10-02-00
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 330901-10-25-10-02-00 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 Proximitor Sensor
- approved target surface
- configured monitor channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330901-10-25-10-02-00 / 330901-10-25-10-02-00 recorded
Physical interface	matched 3300 XL NSv extension cable
Companion check	compatible 3300 XL NSv Proximitor 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	1/4-28 UNF
cable protection	Unarmored
unthreaded length code	1.0 in
overall case-length code	2.5 in
total probe-lead length	1.0 m
connector and cable option	miniature ClickLoc coaxial connector with standard cable
agency-approval option	not required
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 330901-10-25-10-02-00 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	330901-10-25-10-02-00 / 330901-10-25-10-02-00 recorded
Physical interface	matched 3300 XL NSv extension cable
Companion check	compatible 3300 XL NSv Proximity Sensor
Functional proof	Uses the compact 3300 XL NSv transducer architecture
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	330901-10-25-10-02-00
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
Bently Nevada 190501 10 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 200150 09 CN	Bently Nevada monitoring product	Open Bently Nevada page
ABB PFTK101A YM222001 UC	Bently Nevada monitoring product	Open Bently Nevada page
ABB 3BSE004725R1 DSTD196	Bently Nevada monitoring product	Open Bently Nevada page
ABB DSTY101 57120001 KY	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330130 045 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 3500 94	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 990 04 50 01 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 3500 45 176449 04	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330106 05 30 05 02 00	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

3300 XL NSv Proximity Transducer System Datasheet
147385 Rev. R

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