

INDUSTRIAL AUTOMATION PRODUCT

330909-00-80-10-02-05

NSv Proximity Probe

Bently Nevada 330909-00-80-10-02-05 is a stainless-steel armored 3/8-24 UNF 3300 XL NSv proximity probe with 8.0 in case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL NSv Proximity Transducer System
Part number	330909-00-80-10-02-05

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL 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)

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	matched 3300 XL NSv extension cable
Companion hardware	compatible 3300 XL NSv Proximitors Sensor
Field connection	approved target surface
Primary system function	Uses the compact 3300 XL NSv transducer architecture
Controlled acceptance duty	Small-target shaft vibration



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System Role and Architecture

Bently Nevada 330909-00-80-10-02-05 is a stainless-steel armored 3/8-24 UNF 3300 XL NSv proximity probe with 8.0 in case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

FUNCTION 1

Uses the compact 3300 XL NSv transducer architecture

FUNCTION 2

Provides the documented 3/8-24 UNF mounting identity

FUNCTION 3

Retains the 1.0 m probe-lead option

FUNCTION 4

Uses the miniature clickloc coaxial connector with standard cable connection option

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	matched 3300 XL NSv extension cable
Companion hardware	compatible 3300 XL NSv Proximitior Sensor
Field connection	approved target surface
Primary system function	Uses the compact 3300 XL NSv transducer architecture
Controlled acceptance duty	Small-target shaft vibration



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Applications and Engineering Context

Small-target shaft vibration

Uses the compact 3300 XL NSv transducer architecture

Axial position monitoring

Provides the documented 3/8-24 UNF mounting identity

Tight-clearance installation

Retains the 1.0 m probe-lead option

Exact NSv probe replacement

Uses the miniature clickloc coaxial connector with standard cable connection option

TECHNICAL 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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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 Proximity Sensor
Functional proof	Uses the compact 3300 XL NSv transducer architecture
Application test	Small-target shaft vibration



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Engineering Precautions

- 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.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
GE IC752SPL013	Bently Nevada monitoring product	Open Bently Nevada page
Emerson KJ2005X1 SQ1 12P6383X022	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 3500 05 01 01 01 00 01	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330180 X1 00 MOD 145004 09	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E00296878	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E34612879	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E00825002	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E00755411	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E00297628	Bently Nevada monitoring product	Open Bently Nevada page
Siemens A5E03915589	Bently Nevada monitoring product	Open Bently Nevada page

MANUFACTURER SOURCE RECORD

3300 XL NSv Proximity Transducer System Datasheet

147385 Rev. R

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