

APTER POWER

COMPLETE PRODUCT INFORMATION

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.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3300 XL NSv Proximity Transducer System

PART

330909-00-80-10-02-05

PRODUCT TYPE

NSv Proximity Probe

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

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.

1

Uses the compact 3300 XL NSv transducer architecture

2

Provides the documented 3/8-24 UNF mounting identity

3

Retains the 1.0 m probe-lead option

4

Uses the miniature clickloc coaxial connector with standard cable connection option

SYSTEM COMPONENTS

matched 3300 XL NSv extension cable

compatible 3300 XL NSv Proximitior Sensor

approved target surface

configured monitor channel

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.



TECHNICAL DATA

PARAMETER	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

PARAMETER	VALUE
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 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.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 330876 03 10 00 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 32000 28 05 15 080 03 02	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 32000 28 05 08 080 03 02	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 31000 16 10 00 050 03 02	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 21000 34 10 20 062 04 02	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 21000 34 10 20 058 04 02	Bently Nevada monitoring product	Open Bently Nevada page



APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

MORE RELATED BENTLY NEVADA PRODUCTS

Bently Nevada 330881 16 00 307 06 02

Bently Nevada product - open page

Bently Nevada 330881 16 00 200 06 02

Bently Nevada product - open page

Bently Nevada 330103 00 25 05 02 00

Bently Nevada product - open page

Bently Nevada 330106 05 30 10 02 IN

Bently Nevada product - open page

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PRODUCT 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.
- 6 Confirm the installed matched 3300 XL NSv extension cable and compatible 3300 XL NSv Proximitor Sensor against the approved project record.
- 7 Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- 8 Prove the intended axial position monitoring function and retain the final controlled acceptance result.

ENGINEER FAQ

Q1 Which probe family identifies Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the probe family as 3300 XL NSv. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q3 How must the cable protection of Bently Nevada 330909-00-80-10-02-05 be matched?

3300 XL NSv Proximity Transducer System Datasheet documents the cable protection as Stainless-steel armored. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q5 What does the official record state for the overall case-length code of Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the overall case-length code as 8.0 in. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q7 Which exact connector and cable option distinguishes Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the connector and cable option as miniature ClickLoc coaxial connector with standard cable. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q2 What mounting thread is published for Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the mounting thread as 3/8-24 UNF. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q4 Which unthreaded length code must technicians retain for Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the unthreaded length code as 0.0 in. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q6 How should the total probe-lead length be verified on Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the total probe-lead length as 1.0 m. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

Q8 What agency-approval option is used when commissioning Bently Nevada 330909-00-80-10-02-05?

3300 XL NSv Proximity Transducer System Datasheet documents the agency-approval option as CSA, ATEX and IECEx. Confirm the complete 330909-00-80-10-02-05 marking and the installed-system record before service.

SOURCE 3300 XL NSv Proximity Transducer System Datasheet | 147385 Rev. R

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