

INDUSTRIAL AUTOMATION PRODUCT

330905-14-19-10-02-05

NSv Proximity Probe

Bently Nevada 330905-14-19-10-02-05 is an unarmored M10 x 1 3300 XL NSv proximity probe with 190 mm 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	330905-14-19-10-02-05

APTER POWER SALES TEAM

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2

Technical Specifications

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

PARAMETER	TECHNICAL 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)

ENGINEERING DATA SUMMARY

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



3

System Role and Architecture

Bently Nevada 330905-14-19-10-02-05 is an unarmored M10 x 1 3300 XL NSv proximity probe with 190 mm 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 M10 x 1 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 Proximito 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 Proximito Sensor
Field connection	approved target surface
Primary system function	Uses the compact 3300 XL NSv transducer architecture
Controlled acceptance duty	Small-target shaft vibration



4

Applications and Engineering Context

Small-target shaft vibration

Uses the compact 3300 XL NSv transducer architecture

Axial position monitoring

Provides the documented M10 x 1 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 330905-14-19-10-02-05 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	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



5

Engineering Precautions

- 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.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 330104 10 20 05 02 00	Bently Nevada monitoring product	Open Bently Nevada page
Emerson WSNF8327B002	Bently Nevada monitoring product	Open Bently Nevada page
Emerson WSNF8327A321MO	Bently Nevada monitoring product	Open Bently Nevada page
Emerson WSNF8551A409MO	Bently Nevada monitoring product	Open Bently Nevada page
Emerson VCCM8551G410MO	Bently Nevada monitoring product	Open Bently Nevada page
Emerson VCCM8551G309MO	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6SL3300 1AH32 5BA0	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6SE7041 8GK85 0LA0	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6SE7041 8EK85 1MA0	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6SE7037 0EJ84 1JC2	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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