

330905-00-08-10-02-CN

NSv Proximity Probe

Bently Nevada 330905-00-08-10-02-CN is a metric 3300 XL NSv proximity probe for confined shaft-vibration and position measurements. It uses standard ClickLoc connection without protector in a matched NSv probe, extension-cable and Proximitor Sensor chain.

BRAND	Bently Nevada	MODEL	330905-00-08-10-02-CN
PRODUCT	NSv Proximity Probe	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet	RECORD	Baker Hughes / Bently Nevada publication 147385 Rev. R

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

Bently Nevada 330905-00-08-10-02-CN is a metric 3300 XL NSv proximity probe for confined shaft-vibration and position measurements. It uses standard ClickLoc connection without protector in a matched NSv probe, extension-cable and Proximitor Sensor chain.

FUNCTION 1

3300 XL NSv probe family

FUNCTION 2

M10 x 1 mounting

FUNCTION 3

standard ClickLoc connection without protector

FUNCTION 4

Matched NSv transducer chain

APPLICATION	ENGINEERING CONTEXT
Confined shaft vibration	Supports non-contacting measurement where compact NSv geometry is required.
Axial position	Measures static shaft position through the approved NSv system.
Machine protection	Feeds a compatible monitor with the conditioned proximity signal.
Legacy NSv maintenance	Preserves the documented NSv probe and sensor arrangement during replacement.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	330905-00-08-10-02-CN
Probe family	330905 metric NSv probe
Mounting thread	M10 x 1
Connector option	standard ClickLoc connection without protector
Approval control	CN is retained from the supplied identity and must be verified against the physical approval marking.
Compatible sensor	330980 NSv Proximitior Sensor
Calibration target	AISI 4140 steel under published conditions
Nominal scale factor	7.87 V/mm for the matched system
Frequency response	0 to 10 kHz under published conditions
Probe temperature rating	-52 to +177 deg C

Acceptance Path

1 IDENTITY

The complete 330905-00-08-10-02-CN marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 330905-00-08-10-02-CN marking.	What is Bently Nevada 330905-00-08-10-02-CN?	It is a 330905 metric 3300 XL NSv proximity probe for a matched NSv transducer system.
2	Confirm the metric mounting and installed bracket.		
3	Protect the standard ClickLoc connection without protector from contamination	Which thread family applies to Bently Nevada 330905-00-08-10-02-CN?	The 330905 ordering family uses the metric M10 x 1 probe thread.
4	Do not mix NSv and standard 8 mm system components.	Which connector applies to Bently Nevada 330905-00-08-10-02-CN?	The ordering code identifies standard ClickLoc connection without protector.
5	Preserve the documented shield and cable route.		
6	Use the specified target material or approved correction.	How should the approval suffix on Bently Nevada 330905-00-08-10-02-CN be handled?	CN is retained from the supplied identity and must be verified against the physical approval marking.
7	Set the static gap with the current manufacturer procedure.		
8	Prove polarity, gap voltage and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-00-08-10-01-00	View Bently Nevada 330101-00-08-10-01-00
Bently Nevada 330101-00-08-10-02-00	View Bently Nevada 330101-00-08-10-02-00
Bently Nevada 330101-00-08-10-02-05	View Bently Nevada 330101-00-08-10-02-05
Bently Nevada 330101-00-09-20-02-05	View Bently Nevada 330101-00-09-20-02-05
Bently Nevada 330101-00-10-10-01-05	View Bently Nevada 330101-00-10-10-01-05
Bently Nevada 330101-00-10-15-02-05	View Bently Nevada 330101-00-10-15-02-05

FAQ, Related Products and Sources

QUESTION	ANSWER
Which sensor family is compatible with Bently Nevada 330905-00-08-10-02-CN?	Use the probe only with the documented NSv extension cable and 330980 Proximitior Sensor.
What nominal scale factor applies to Bently Nevada 330905-00-08-10-02-CN?	The matched NSv system publishes a nominal 7.87 V/mm scale factor under the stated test conditions.
What target reference applies to Bently Nevada 330905-00-08-10-02-CN?	Published performance is referenced to the manufacturer-specified AISI 4140 steel target.
What confirms commissioning of Bently Nevada 330905-00-08-10-02-CN?	Verify the complete marking, connector, matched NSv chain, static gap, polarity, diagnostics and channel response.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-00-11-10-11-00	View Bently Nevada 330101-00-11-10-11-00
Bently Nevada 330101-00-11-20-02-CN	View Bently Nevada 330101-00-11-20-02-CN
Bently Nevada 330101-00-12-05-01-05	View Bently Nevada 330101-00-12-05-01-05
Bently Nevada 330101-00-12-10-01-CN	View Bently Nevada 330101-00-12-10-01-CN
Bently Nevada 330101-00-12-10-02-00	View Bently Nevada 330101-00-12-10-02-00
Bently Nevada 330101-00-12-10-02-05	View Bently Nevada 330101-00-12-10-02-05

MANUFACTURER SOURCE RECORDS

Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet - Baker Hughes / Bently Nevada publication 147385 Rev. R

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