

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	330905-00-08-10-02-CN
Product role	NSv Proximity Probe
System family	Industrial automation
Source record	Baker Hughes / Bently Nevada publication 147385 Rev. R

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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Technical Specifications

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 Proximator 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

ENGINEERING BOUNDARY

Retain the complete 330905-00-08-10-02-CN identity. Verify the metric mounting, standard ClickLoc connection without protector, suffix marking, target, cable route, static gap and compatible 330980 sensor before substitution.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21504-000-020-05-02	View Bently Nevada 21504-000-020-05-02
Bently Nevada 21505-00-28-05-02	View Bently Nevada 21505-00-28-05-02
Bently Nevada 31000-00-00-00-120-00-02	View Bently Nevada 31000-00-00-00-120-00-02
Bently Nevada 31000-27-05-15-040-03-02	View Bently Nevada 31000-27-05-15-040-03-02

System Role and Common Applications

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.

ACCEPTANCE DUTY

Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
1	Verify the complete 330905-00-08-10-02-CN marking.
2	Confirm the metric mounting and installed bracket.
3	Protect the standard ClickLoc connection without protector from contamination.
4	Do not mix NSv and standard 8 mm system components.
5	Preserve the documented shield and cable route.
6	Use the specified target material or approved correction.
7	Set the static gap with the current manufacturer procedure.
8	Prove polarity, gap voltage and dynamic response before release.

QUESTION	ANSWER
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.
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.
Which connector applies to Bently Nevada 330905-00-08-10-02-CN?	The ordering code identifies standard ClickLoc connection without protector.
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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-28-05-00-056-01-02	View Bently Nevada 31000-28-05-00-056-01-02
Bently Nevada 31000-29-05-15-033-03-02	View Bently Nevada 31000-29-05-15-033-03-02
Bently Nevada 3300-03-01-00	View Bently Nevada 3300-03-01-00
Bently Nevada 3300-03-02-00	View Bently Nevada 3300-03-02-00
Bently Nevada 3300-16-15-01-03-00-00-02	View Bently Nevada 3300-16-15-01-03-00-00-02

FAQ, Related Products and Official 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.

MODEL	APTER POWER PAGE
Bently Nevada 3300-20	View Bently Nevada 3300-20
Bently Nevada 3300-25-XX-15-15-00-00-03-02	View Bently Nevada 3300-25-XX-15-15-00-00-03-02
Bently Nevada 3300-35-12-02-01-00-00	View Bently Nevada 3300-35-12-02-01-00-00

MANUFACTURER SOURCE RECORDS

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

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