

330903-00-07-10-01-CN

3300 XL NSv Metric Proximity Probe

Bently Nevada 330903-00-07-10-01-CN is an unarmored M8 x 1 NSv probe with 0 mm unthreaded length, 70 mm case, 1.0 m total length and a protected standard ClickLoc connector. Its CN suffix is a country-specific ordering option listed in the manufacturer approval guide.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330903-00-07-10-01-CN	FAMILY	3300 XL NSv Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL NSv Metric Proximity Probe

MANUFACTURER SOURCE RECORD

3300 XL NSv Proximity Transducer System Datasheet
Baker Hughes publications 147385 Rev. R and 108M1756 Rev. AV

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Product Overview

SYSTEM FUNCTION

Bently Nevada 330903-00-07-10-01-CN is an unarmored M8 x 1 NSv probe with 0 mm unthreaded length, 70 mm case, 1.0 m total length and a protected standard ClickLoc connector. Its CN suffix is a country-specific ordering option listed in the manufacturer approval guide.

COUNTRY-SPECIFIC CN ORDER OPTION

Verified model-specific feature or controlled record item.

UNARMORED 70 MM METRIC CASE

Verified model-specific feature or controlled record item.

1.0 M LEAD WITH CLICKLOC CONNECTION

Verified model-specific feature or controlled record item.

NSV 1.5 MM LINEAR-RANGE FAMILY

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Match 330903-00-07-10-01-CN to the approved installed location and retain the country-specific marking during inspection. Complete the loop only with compatible NSv cable and sensor components of the documented total system length.

Technical Data and Acceptance

Acceptance Path

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Probe thread	M8 x 1
Aarmor	None
Unthreaded length	0 mm
Overall case length	70 mm
Total length	1.0 m
Connector option	Standard ClickLoc with protector
Country option	CN

1 IDENTITY

Record 330903-00-07-10-01-CN.

2 INTERFACE

Document mounting and connections.

3 CONFIGURATION

Confirm system and channel.

4 PROOF

Complete functional acceptance.

ENGINEERING BOUNDARY

Use the exact ordering-code values shown here together with the physical marking and installed-system record. Confirm mounting, connections and the configured channel before release.

Applications and Precautions

COUNTRY-SPECIFIC REPLACEMENT

Restores an exact CN-suffix NSv probe identity.

COMPACT COMPRESSOR SENSING

Supports documented tight-access shaft measurements.

PHASE-REFERENCE CHANNEL

Provides a compatible NSv probe for Keyphasor service.

STATIC SHAFT-POSITION CHANNEL

Supports non-contact position measurement on a verified target.

Controlled Checks

NO.	CHECK
1	Record the complete 330903-00-07-10-01-CN code and approval marking.
2	Confirm the CN option is acceptable for the installed jurisdiction and area classification.
3	Keep the 70 mm case within the available mounting clearance.
4	Limit M8 x 1 thread engagement to 12 mm and use the manufacturer torque values.
5	Do not route the 1.0 m lead below its 25.4 mm minimum bend radius.
6	Keep the supplied connector protector in place until the connection is clean and ready.
7	Verify target material and geometry before relying on the standard scale factor.
8	Document gap voltage, channel response and approval evidence before return to service.

FAQ, Related Products and Source

QUESTION	ANSWER
What does the CN ending on 330903-00-07-10-01-CN require the engineer to verify?	It is a country-specific ordering option; verify the exact approval marking and its suitability for the installed jurisdiction.
Is the mechanical build of 330903-00-07-10-01-CN metric or English?	It is the unarmored metric M8 x 1 probe configuration.
How much unthreaded case is ordered on 330903-00-07-10-01-CN?	The A code is 00, specifying 0 mm unthreaded length.
Why should the connector cap remain on 330903-00-07-10-01-CN during routing?	The 01 option supplies the protector so the ClickLoc connection can remain protected until mating.
What shaft diameter is preferred for normal use of 330903-00-07-10-01-CN?	A 30 mm minimum shaft is specified for normal applications; smaller shafts require the documented axial-offset arrangement.
Which frequency band must the channel preserve for 330903-00-07-10-01-CN?	The NSv system response is published from 0 to 10 kHz, subject to the stated tolerance.
Can 330903-00-07-10-01-CN be calibrated from a nearby probe record?	No. Verify the installed target material and use the matched NSv system documentation for this exact loop.
Which compressor installations are cited for 330903-00-07-10-01-CN?	The NSv family is intended for small-target applications including centrifugal, refrigeration and process-gas compressors.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330904-00-03-70-01-CN	Bently Nevada machinery-monitoring component	Open
330904-00-10-05-01-BR	Bently Nevada machinery-monitoring component	Open
330904-00-12-05-02-05	Bently Nevada machinery-monitoring component	Open
330903-00-09-05-02-CN	Bently Nevada machinery-monitoring component	Open
330903-00-11-05-02-CN	Bently Nevada machinery-monitoring component	Open
330903-00-12-05-02-CN	Bently Nevada machinery-monitoring component	Open
330903-03-11-05-02-05	Bently Nevada machinery-monitoring component	Open
330903-17-19-05-02-00	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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