

INDUSTRIAL MACHINERY MONITORING PRODUCT

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.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330903-00-07-10-01-CN	HS code	8537101190
Product	3300 XL NSv Metric Proximity Probe	Ship from	Xiamen, Fujian, China
Family	3300 XL NSv Proximity Transducer System	Dimensions	

DOCUMENT SCOPE

Exact model identity, supported configuration data, installation checks, applications, precautions and controlled acceptance records.

MODEL-SPECIFIC ENGINEERING 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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



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Verified Product Record

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

Installation Boundary

ENGINEERING BOUNDARY

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.

CHECK	REQUIRED RECORD
Identity	330903-00-07-10-01-CN
Installed arrangement	Position, mating hardware, cable and termination
Configuration	Associated module or monitor channel
Acceptance	Diagnostics and controlled functional proof

SOURCE BOUNDARY

Baker Hughes publications 147385 Rev. R and 108M1756 Rev. AV. Apply only the exact ordering-code values shown in this document and verify the installed marking before work.

System Role and Verification

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.

IDENTITY

Record 330903-00-07-10-01-CN from the physical marking.

INTERFACE

Document every mating part, connector and cable before disturbance.

CONFIGURATION

Confirm the associated system and channel using manufacturer records.

ACCEPTANCE

Restore the documented arrangement and prove operation before release.

Controlled Installation Checklist

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.

Applications and Model-Specific FAQ

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.

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.

Precautions and Related Products

NO.	PRECAUTION
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Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330902-00-10-10-01-05	Bently Nevada machinery-monitoring component	Open
330902-00-25-05-01-05	Bently Nevada machinery-monitoring component	Open
330902-00-38-05-02-05	Bently Nevada machinery-monitoring component	Open
330902-00-90-05-02-00	Bently Nevada machinery-monitoring component	Open
330902-00-90-10-01-05	Bently Nevada machinery-monitoring component	Open
330902-00-95-05-02-05	Bently Nevada machinery-monitoring component	Open
330902-04-48-10-02-00	Bently Nevada machinery-monitoring component	Open
330903-00-06-05-02-CN	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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

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