

INDUSTRIAL MACHINERY MONITORING PRODUCT

330910-00-24-10-01-CN

3300 XL NSv Armored Metric Proximity Probe

Bently Nevada 330910-00-24-10-01-CN is an armored M10 x 1 NSv probe with 0 mm unthreaded length, 240 mm case, 1.0 m total length and a protected standard ClickLoc connector. Its CN ending is a country-specific ordering option in the manufacturer approval guide.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330910-00-24-10-01-CN	HS code	8537101190
Product	3300 XL NSv Armored 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

Provide straight mechanical support for the long 240 mm case of 330910-00-24-10-01-CN and avoid transferring armor loads into the probe thread. Verify the CN marking, matched system length and installed monitor response before release.

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330910-00-24-10-01-CN

Verified Product Record

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Probe thread	M10 x 1
Armor	Flexible stainless steel
Unthreaded length	0 mm
Overall case length	240 mm
Total length	1.0 m
Connector option	Standard ClickLoc with protector
Country option	CN

Installation Boundary

ENGINEERING BOUNDARY

Provide straight mechanical support for the long 240 mm case of 330910-00-24-10-01-CN and avoid transferring armor loads into the probe thread. Verify the CN marking, matched system length and installed monitor response before release.

CHECK	REQUIRED RECORD
Identity	330910-00-24-10-01-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 330910-00-24-10-01-CN is an armored M10 x 1 NSv probe with 0 mm unthreaded length, 240 mm case, 1.0 m total length and a protected standard ClickLoc connector. Its CN ending is a country-specific ordering option in the manufacturer approval guide.

IDENTITY

Record 330910-00-24-10-01-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	Verify the full 330910-00-24-10-01-CN marking and approval label.
2	Support the 240 mm case and keep the target end correctly aligned.
3	Limit M10 x 1 thread engagement to 15 mm and use the published torque.
4	Route the flexible armor without twist, crushing or sharp bends.
5	Keep the connector protector installed until the mating connection is ready.
6	Confirm the one-metre lead and extension cable match the NSv sensor length.
7	Check that the CN option satisfies the actual location and current approval requirements.
8	Complete gap, diagnostic, dynamic-response and documentation checks before return to service.

Applications and Model-Specific FAQ

LONG-REACH PROBE BRACKET

Provides a supported metric case for deeper mounting arrangements.

HARSH-ROUTE SHAFT SENSING

Uses cable armor for mechanically exposed probe routing.

SPEED AND PHASE REFERENCE

Supports tachometer or Keyphasor use within a matched loop.

CN-SUFFIX INSTALLED-BASE SERVICE

Preserves the exact country-option identity during replacement.

QUESTION	ANSWER
Why does 330910-00-24-10-01-CN need added case support?	Its ordered case is 240 mm long, so mounting must avoid bending load and preserve target alignment.
Which thread and torque table apply to 330910-00-24-10-01-CN?	Use the M10 x 1 values: 11.3 N m recommended probe torque and 33.9 N m maximum.
What does unthreaded code 00 mean for 330910-00-24-10-01-CN?	It specifies 0 mm unthreaded length, making the ordered 240 mm case fully threaded.
How is the cable of 330910-00-24-10-01-CN mechanically protected?	The 330910 construction includes flexible stainless-steel armor.
Is a ClickLoc protector supplied with 330910-00-24-10-01-CN?	Yes. Connector option 01 includes the standard connector protector.
What must be retained for the CN status of 330910-00-24-10-01-CN?	Retain the complete marking and verify the country-specific option against the installed approval requirement.
What is the normal NSv linear span for 330910-00-24-10-01-CN?	The matched system provides a published 1.5 mm linear range with a 1.0 mm recommended gap.
How must 330910-00-24-10-01-CN be accepted after startup?	Confirm static gap, dynamic response and the configured alarm or protection-channel behavior under controlled conditions.

Precautions and Related Products

NO.	PRECAUTION
1	Verify the full 330910-00-24-10-01-CN marking and approval label.
2	Support the 240 mm case and keep the target end correctly aligned.
3	Limit M10 x 1 thread engagement to 15 mm and use the published torque.
4	Route the flexible armor without twist, crushing or sharp bends.
5	Keep the connector protector installed until the mating connection is ready.
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Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330930-040-00-00	Bently Nevada machinery-monitoring component	Open
330930-040-00-05	Bently Nevada machinery-monitoring component	Open
330930-040-03-05	Bently Nevada machinery-monitoring component	Open
330930-045-00-00	Bently Nevada machinery-monitoring component	Open
330930-045-00-05	Bently Nevada machinery-monitoring component	Open
330930-045-01-00	Bently Nevada machinery-monitoring component	Open
330930-045-01-05	Bently Nevada machinery-monitoring component	Open
330930-045-04-00	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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