

330909-00-25-10-02-00

3300 XL NSv Armored English Proximity Probe

Bently Nevada 330909-00-25-10-02-00 is an armored 3/8-24 UNF NSv probe with 0.0 in unthreaded length, 2.5 in case and 1.0 m total length. It has a standard ClickLoc connector without protector and the no-approval 00 option.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330909-00-25-10-02-00	FAMILY	3300 XL NSv Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL NSv Armored English Proximity Probe

MANUFACTURER SOURCE RECORD

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

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Product Overview

SYSTEM FUNCTION

Bently Nevada 330909-00-25-10-02-00 is an armored 3/8-24 UNF NSv probe with 0.0 in unthreaded length, 2.5 in case and 1.0 m total length. It has a standard ClickLoc connector without protector and the no-approval 00 option.

ARMORED 3/8-24 NSV CONSTRUCTION

Verified model-specific feature or controlled record item.

FULLY THREADED 2.5 IN CASE

Verified model-specific feature or controlled record item.

1.0 M PROBE ASSEMBLY

Verified model-specific feature or controlled record item.

NO-APPROVAL OPTION 00

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Secure 330909-00-25-10-02-00 without twisting or crushing its flexible armor and keep the connector protected during routing. Match the probe and extension lengths to the selected NSv sensor before establishing the working gap.

Technical Data and Acceptance

Acceptance Path

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Probe thread	3/8-24 UNF
Armor	Flexible stainless steel
Unthreaded length	0.0 in
Overall case length	2.5 in
Total length	1.0 m
Connector option	Standard ClickLoc without protector
Agency approval	None

1 IDENTITY

Record 330909-00-25-10-02-00.

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

PROTECTED CABLE ROUTING

Uses flexible armor where the probe lead needs added mechanical protection.

RADIAL VIBRATION SENSING

Measures shaft vibration through a matched NSv transducer system.

STATIC POSITION MONITORING

Provides the probe interface for documented position channels.

MACHINE-OVERHAUL REPLACEMENT

Restores an exact armored English-thread probe configuration.

Controlled Checks

NO.	CHECK
1	Verify 330909-00-25-10-02-00 and its no-approval option before work.
2	Keep the fully threaded 2.5 in case within mounting and target clearance limits.
3	Do not exceed the 0.75 in 3/8-24 thread-engagement limit.
4	Prevent torsion, crushing and tight bends in the flexible stainless-steel armor.
5	Protect the option-02 ClickLoc connector because no protector is supplied.
6	Confirm the extension cable completes the one-metre probe to the required system length.
7	Maintain the required shaft diameter and probe separation to control cross-talk.
8	Record gap voltage, vibration response and channel acceptance before release.

FAQ, Related Products and Source

QUESTION	ANSWER
What mechanical protection is included with 330909-00-25-10-02-00?	The 330909 prefix specifies flexible stainless-steel cable armor.
How should the armor on 330909-00-25-10-02-00 be routed?	Support it against crushing and torsion and maintain at least the published 25.4 mm bend radius.
Is any smooth unthreaded section ordered on 330909-00-25-10-02-00?	No. Code 00 specifies 0.0 in unthreaded length on its 2.5 in case.
What is the recommended tightening torque for 330909-00-25-10-02-00?	For the 3/8-24 case, the recommended probe torque is 11.3 N m.
How is the connector supplied on 330909-00-25-10-02-00?	It uses the standard ClickLoc connector without the optional protector.
What output range should be checked when gapping 330909-00-25-10-02-00?	The NSv system linear output is approximately -1 to -13 V across the specified range.
What radial separation controls cross-talk for 330909-00-25-10-02-00?	Maintain at least 23 mm between probe centerlines in the radial arrangement.
Which approval claim is permitted for 330909-00-25-10-02-00?	None from the final 00 option; do not represent it as an approved-area configuration.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330910-03-09-05-02-05	Bently Nevada machinery-monitoring component	Open
330910-10-22-10-01-CN	Bently Nevada machinery-monitoring component	Open
330910-14-19-10-02-00	Bently Nevada machinery-monitoring component	Open
330910-00-12-10-02-05	Bently Nevada machinery-monitoring component	Open
330910-00-13-05-02-00	Bently Nevada machinery-monitoring component	Open
330910-00-13-10-02-00	Bently Nevada machinery-monitoring component	Open
330910-00-16-10-01-00	Bently Nevada machinery-monitoring component	Open
330910-00-16-10-02-00	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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