

330908-21-35-10-02-00

3300 XL NSv English Proximity Probe

Bently Nevada 330908-21-35-10-02-00 is an unarmored 3/8-24 UNF NSv probe with 2.1 in unthreaded length, 3.5 in case and 1.0 m total length. It uses a standard ClickLoc connector without protector and carries the no-approval 00 option.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330908-21-35-10-02-00	FAMILY	3300 XL NSv Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL NSv 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 330908-21-35-10-02-00 is an unarmored 3/8-24 UNF NSv probe with 2.1 in unthreaded length, 3.5 in case and 1.0 m total length. It uses a standard ClickLoc connector without protector and carries the no-approval 00 option.

ENGLISH-THREAD UNARMORED PROBE

Verified model-specific feature or controlled record item.

2.1 IN UNTHREADED PROBE SECTION

Verified model-specific feature or controlled record item.

3.5 IN OVERALL CASE

Verified model-specific feature or controlled record item.

1.0 M LEAD WITH UNCAPPED CLICKLOC

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Verify that the 2.1 in unthreaded section and 3.5 in case fit the probe bracket before tightening 330908-21-35-10-02-00. Protect the uncapped connector and commission only as part of a matched 5 m or 7 m NSv system.

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	None
Unthreaded length	2.1 in
Overall case length	3.5 in
Total length	1.0 m
Connector option	Standard ClickLoc without protector
Agency approval	None

1 IDENTITY

Record 330908-21-35-10-02-00.

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

BRACKET-MOUNTED SHAFT VIBRATION

Uses the defined unthreaded section in a verified English-thread bracket.

AXIAL POSITION CHANNEL

Supports non-contact displacement with a matched NSv sensor chain.

KEYPHASOR MEASUREMENT

Provides the probe element for a documented phase-reference loop.

SMALL-TARGET COMPRESSOR RETROFIT

Restores a defined English-thread NSv probe geometry.

Controlled Checks

NO.	CHECK
1	Read the complete 330908-21-35-10-02-00 code from the installed item.
2	Confirm that 2.1 in unthreaded and 3.5 in overall case lengths match the bracket.
3	Keep 3/8-24 thread engagement within the published 0.75 in limit.
4	Use the 11.3 N m recommended torque and avoid loading the unthreaded stem.
5	Provide clean temporary protection for the option-02 connector.
6	Maintain the 25.4 mm cable bend radius and suitable cable support.
7	Pair the 1.0 m probe lead with the correct NSv extension cable and sensor.
8	Set the gap only after target, separation, channel polarity and response checks pass.

FAQ, Related Products and Source

QUESTION	ANSWER
How much threaded case remains on 330908-21-35-10-02-00 outside its unthreaded section?	The order defines a 3.5 in case and 2.1 in unthreaded section, leaving 1.4 in of threaded case for the mounting arrangement.
What engagement ceiling applies to the 3/8-24 thread on 330908-21-35-10-02-00?	The published maximum thread engagement is 0.75 in.
Is armor included on 330908-21-35-10-02-00?	No. The 330908 prefix identifies the unarmored English-thread probe.
How should the option-02 connector on 330908-21-35-10-02-00 be protected?	It is supplied without a connector protector, so keep it capped, clean and dry through routing and mating.
What sensor lengths accept the 1 m lead of 330908-21-35-10-02-00?	Use the matching cable with the 5 m or 7 m NSv Proximity Sensor system-length option.
Which static scale factor is nominal for 330908-21-35-10-02-00?	The matched NSv system has an average scale factor of 7.87 V/mm, or 200 mV/mil.
What counterbore opening is recommended around 330908-21-35-10-02-00?	The recommended counterbore diameter is 13 mm; 9.5 mm is the published minimum.
Can 330908-21-35-10-02-00 be treated as an approved-area probe?	No. The final 00 option specifies no agency approval.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330909-00-60-10-01-05	Bently Nevada machinery-monitoring component	Open
330909-00-60-10-02-00	Bently Nevada machinery-monitoring component	Open
330909-00-60-10-02-05	Bently Nevada machinery-monitoring component	Open
330908-00-20-10-02-00	Bently Nevada machinery-monitoring component	Open
330908-00-20-70-02-05	Bently Nevada machinery-monitoring component	Open
330908-00-60-10-01-00	Bently Nevada machinery-monitoring component	Open
330908-00-67-10-01-00	Bently Nevada machinery-monitoring component	Open
330909-00-60-10-01-00	Bently Nevada machinery-monitoring component	Open

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