

INDUSTRIAL MACHINERY MONITORING PRODUCT

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.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330908-21-35-10-02-00	HS code	8537101190
Product	3300 XL NSv English 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

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.

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Verified Product Record

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

Installation Boundary

ENGINEERING BOUNDARY

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.

CHECK	REQUIRED RECORD
Identity	330908-21-35-10-02-00
Installed arrangement	Position, mating hardware, cable and termination
Configuration	Associated module or monitor channel
Acceptance	Diagnostics and controlled functional proof

SOURCE BOUNDARY

Baker Hughes / Bently Nevada publication 147385 Rev. R. Apply only the exact ordering-code values shown in this document and verify the installed marking before work.

System Role and Verification

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.

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

Applications and Model-Specific FAQ

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.

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 Proximitior 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.

Precautions and Related Products

NO.	PRECAUTION
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.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330906-02-12-05-02-05	Bently Nevada machinery-monitoring component	Open
330906-02-12-10-12-05	Bently Nevada machinery-monitoring component	Open
330907-05-30-05-02-05	Bently Nevada machinery-monitoring component	Open
330907-05-30-10-02-05	Bently Nevada machinery-monitoring component	Open
330907-05-30-10-12	Bently Nevada machinery-monitoring component	Open
330908-00-15-10-02-05	Bently Nevada machinery-monitoring component	Open
330908-00-15-70-02-05	Bently Nevada machinery-monitoring component	Open
330908-00-19-10-02-05	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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

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