

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.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330909-00-25-10-02-00	HS code	8537101190
Product	3300 XL NSv Armored 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

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.

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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	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

Installation Boundary

ENGINEERING BOUNDARY

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.

CHECK	REQUIRED RECORD
Identity	330909-00-25-10-02-00
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 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.

IDENTITY

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

Applications and Model-Specific FAQ

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.

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.

Precautions and Related Products

NO.	PRECAUTION
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.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330910-00-05-10-02-00	Bently Nevada machinery-monitoring component	Open
330910-00-05-50-02-00	Bently Nevada machinery-monitoring component	Open
330910-00-07-05-02-05	Bently Nevada machinery-monitoring component	Open
330910-00-07-05-02-CN	Bently Nevada machinery-monitoring component	Open
330910-00-08-50-01-05	Bently Nevada machinery-monitoring component	Open
330910-00-09-10-01-00	Bently Nevada machinery-monitoring component	Open
330910-00-11-10-02-05	Bently Nevada machinery-monitoring component	Open
330910-00-12-05-02-00	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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