

330905-0-25-05-02-IN

3300 XL NSv Metric Proximity Probe

Bently Nevada 330905-0-25-05-02-IN is an unarmored M10 x 1 NSv probe with a 250 mm case, 0.5 m total length and a standard ClickLoc connector without protector. The IN suffix is a country-specific ordering option identified in the manufacturer approval guide.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330905-0-25-05-02-IN	FAMILY	3300 XL NSv Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL NSv Metric Proximity Probe

MANUFACTURER SOURCE RECORD

3300 XL NSv Proximity Transducer System Datasheet
Baker Hughes publications 147385 Rev. R and 108M1756 Rev. AV

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Product Overview

SYSTEM FUNCTION

Bently Nevada 330905-0-25-05-02-IN is an unarmored M10 x 1 NSv probe with a 250 mm case, 0.5 m total length and a standard ClickLoc connector without protector. The IN suffix is a country-specific ordering option identified in the manufacturer approval guide.

LONG 250 MM M10 X 1 CASE

Verified model-specific feature or controlled record item.

0.5 M UNARMORED INTEGRAL LEAD

Verified model-specific feature or controlled record item.

CLICKLOC CONNECTOR WITHOUT PROTECTOR

Verified model-specific feature or controlled record item.

COUNTRY-SPECIFIC IN ORDER OPTION

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Check the long 250 mm case for mechanical support and clearance before installing 330905-0-25-05-02-IN. Use the matching extension cable and NSv sensor, then document the exact IN marking and final channel response.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Probe thread	M10 x 1
Aarmor	None
Unthreaded length	0 mm
Overall case length	250 mm
Total length	0.5 m
Connector option	Standard ClickLoc without protector
Country option	IN

Acceptance Path

1 IDENTITY

Record 330905-0-25-05-02-IN.

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

DEEP MOUNTING ACCESS

Provides a long metric case for supported probe brackets or machine housings.

AXIAL DISPLACEMENT

Measures static movement with a verified NSv transducer loop.

LOW-SPEED REFERENCE

Supports tachometer or zero-speed measurement under the documented configuration.

REFRIGERATION COMPRESSOR MONITORING

Fits compact-target applications named for the NSv family.

Controlled Checks

NO.	CHECK
1	Confirm the exact 330905-0-25-05-02-IN marking and IN approval option.
2	Support the 250 mm case so vibration and handling do not load the mounting thread.
3	Limit M10 x 1 thread engagement to 15 mm.
4	Use the published 11.3 N m recommended torque and remain below the maximum.
5	Cap or otherwise protect the option-02 connector because no protector is supplied.
6	Route the 0.5 m unarmored lead without crushing and above the minimum bend radius.
7	Select the correct extension-cable length to make a documented 5 m or 7 m system.
8	Verify gap, polarity, dynamic response and approval records before release.

FAQ, Related Products and Source

QUESTION	ANSWER
How should the 250 mm body of 330905-0-25-05-02-IN be supported?	Provide alignment and mechanical support that avoids bending load on the long M10 x 1 case.
What probe-thread engagement is allowed for 330905-0-25-05-02-IN?	The M10 x 1 probe thread may engage no more than 15 mm.
Which torque is recommended when securing 330905-0-25-05-02-IN?	Use 11.3 N m as the recommended M10 x 1 probe torque and stay below 33.9 N m.
Does connector code 02 on 330905-0-25-05-02-IN provide a protective cap?	No. It is the standard ClickLoc connector without protector, so keep the end clean and protected by the installation process.
Which extension lengths can complete 330905-0-25-05-02-IN as a standard NSv loop?	A 4.5 m or 6.5 m matching NSv extension cable completes the 0.5 m probe lead to a 5 m or 7 m system.
What must be checked for the IN suffix on 330905-0-25-05-02-IN?	Verify the country-specific approval marking and the current installation requirements; do not infer an approval from the suffix alone.
What voltage span is expected across the linear range of 330905-0-25-05-02-IN?	The matched NSv system is approximately -1 to -13 V over its published 1.5 mm linear range.
Why is target geometry critical for 330905-0-25-05-02-IN?	The published scale factor assumes the specified 4140-steel target size and geometry; other materials or shapes can change response.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330905-00-25-05-02-05	Bently Nevada machinery-monitoring component	Open
330905-00-25-05-12-CN	Bently Nevada machinery-monitoring component	Open
330905-08-13-10-02-05	Bently Nevada machinery-monitoring component	Open
330905-00-11-05-02-00	Bently Nevada machinery-monitoring component	Open
330905-00-12-05-02-05	Bently Nevada machinery-monitoring component	Open
330905-00-12-05-02-RU	Bently Nevada machinery-monitoring component	Open
330905-00-18-05-02-00	Bently Nevada machinery-monitoring component	Open
330905-00-18-05-02-CN	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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