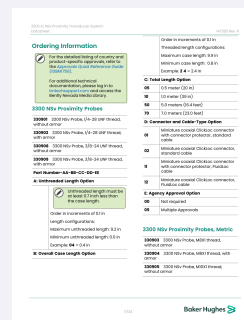


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330910-00-07-05-02-CN

3300 XI Nsv Proximity Probe



PRODUCT	330910-00-07-05-02-CN
FAMILY	3300 XL NSv
FUNCTION	3300 XI Nsv Proximity Probe
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 147385. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Probe Series	3300 XL NSv
Probe Thread	M10 × 1
Cable Armor	Stainless steel armor
Unthreaded Length	0 mm
Overall Case Length	70 mm
Total Cable Length	0.5 m
Connector Option	02 ClickLoc coaxial

02 MOUNTING AND CONNECTION

- Confirm the M10 x 1 armored NSv probe and every suffix on the supplied label.
- Prepare the threaded mounting interface and set the probe case without loading the cable.
- Maintain a minimum 25.4 mm cable bend radius and protect the stainless steel armor.
- Mate the miniature ClickLoc connector finger-tight and retain the matched NSv system length.
- Set the initial gap near 1.0 mm, then verify scale and monitor response.

MANUFACTURER INSTALLATION REFERENCE

Official manufacturer reference reproduced from Bently Nevada 147385. Use the current source document and all referenced drawings and notes for installation.

3300 XL NSv Proximity Transducer System
Datasheet

147385 Rev. R

Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108MI756\)](#).

For additional technical documentation, please log in to bntechsupport.com and access the Bently Nevada Media Library.

3300 NSv Proximity Probes

330901 3300 NSv Probe, 1/4-28 UNF thread, without armor

330902 3300 NSv Probe, 1/4-28 UNF thread, with armor

330908 3300 NSv Probe, 3/8-24 UNF thread, without armor

330909 3300 NSv Probe, 3/8-24 UNF thread, with armor

Part Number-AA-BB-CC-DD-EE

A: Unthreaded Length Option



Unthreaded length must be at least 0.7 inch less than the case length.

Order in increments of 0.1 in

Length configurations:

Maximum unthreaded length: 9.2 in

Minimum unthreaded length: 0.0 in

Example: **04** = 0.4 in

B: Overall Case Length Option

Order in increments of 0.1 in

Threaded length configurations:

Maximum case length: 9.9 in

Minimum case length: 0.8 in

Example: **24** = 2.4 in

C: Total Length Option

05 0.5 meter (20 in)

10 1.0 meter (39 in)

50 5.0 meters (16.4 feet)

70 7.0 meters (23.0 feet)

D: Connector and Cable-Type Option

01 Miniature coaxial ClickLoc connector with connector protector, standard cable

02 Miniature coaxial ClickLoc connector, standard cable

11 Miniature coaxial ClickLoc connector with connector protector, FluidLoc cable

12 Miniature coaxial ClickLoc connector, FluidLoc cable

E: Agency Approval Option

00 Not required

05 Multiple Approvals

3300 NSv Proximity Probes, Metric

330903 3300 NSv Probe, M8X1 thread, without armor

330904 3300 NSv Probe, M8X1 thread, with armor

330905 3300 NSv Probe, M10X1 thread, without armor

04 CABLE ROUTING AND CONNECTION

- Prepare the threaded mounting interface and set the probe case without loading the cable.
- Maintain a minimum 25.4 mm cable bend radius and protect the stainless steel armor.
- Mate the miniature ClickLoc connector finger-tight and retain the matched NSv system length.
- Set the initial gap near 1.0 mm, then verify scale and monitor response.

05 INITIAL SYSTEM CHECKS

- Confirm exact model identity and compatible system components before energizing.
- Check the saved configuration against the controlled site requirements.
- Verify the measurement or signal path using the complete manufacturer instructions.
- Record the installed model, baseline values and final channel status.

06 CONTROLLED DOCUMENTS

Official source	Bently Nevada 147385
Product record	330910-00-07-05-02-CN
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN