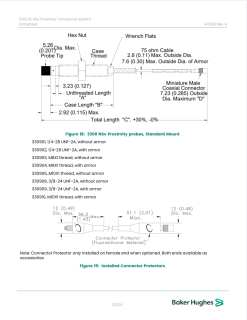
FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

330903-00-02-10-12-05

Narrow-view shaft proximity probe



| | |
|---|---|
| PRODUCT | 330903-00-02-10-12-05 |
| FAMILY | 3300 XL NSv |
| FUNCTION | Narrow-view shaft proximity probe |
| STATUS | Verify exact installed equipment |

Prepared by Amikon Limited from Bently Nevada documentation. This guide supplements the complete manufacturer manual and site procedure.

## 01 CONFIRM THE ORDERED CONFIGURATION

| | |
|---|---|
| Case thread | M8 x 1 |
| Unthreaded section | 0 mm |
| Overall case length | 20 mm |
| Total probe lead | 1.0 m |
| Lead armor | None |
| Connector protector | Not fitted |

## 02 PREPARATION AND CONNECTION

- Use the ordered M8 case and limit thread engagement to 12 mm.
- Use 5.1 N m recommended case torque; maximum 7.3 N m.
- Join ClickLoc connectors finger tight; maximum 0.56 N m.
- Maintain at least 25.4 mm cable bend radius.

# 03 OFFICIAL INSTALLATION REFERENCE



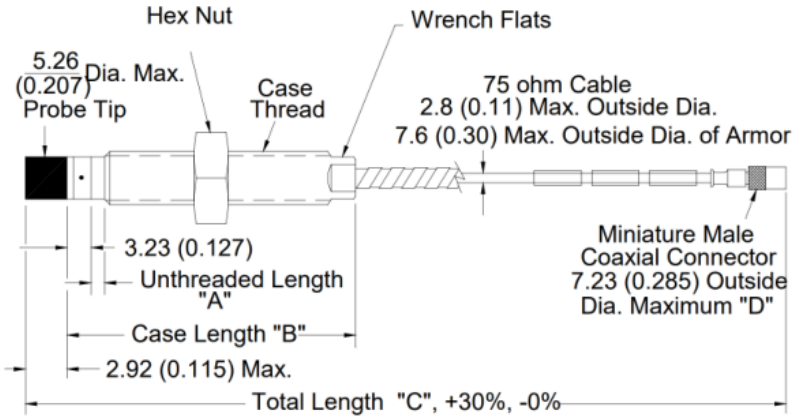



**Figure 18: 3300 NSv Proximity probes, Standard Mount**

330901, 1/4-28 UNF-2A, without armor

330902, 1/4-28 UNF-2A, with armor

330903, M8X1 thread, without armor

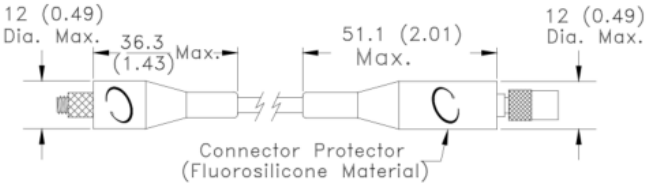
330904, M8X1 thread, with armor

330905, M10X1 thread, without armor

330908, 3/8-24 UNF-2A, without armor

330909, 3/8-24 UNF-2A, with armor

330910, M10X1 thread, with armor




Note: Connector Protector only installed on female end when optioned. Both ends available as accessories.

**Figure 19: Installed Connector Protectors**



Official manufacturer page reproduced at its original aspect ratio.

## 04 COMMISSIONING CHECKS

| | |
|---|---|
| 01 | Verify the case and unthreaded-length selections. |
| 02 | Inspect the FluidLoc lead and ordered protector scope. |
| 03 | Retain the one-metre probe and matching NSv extension. |
| 04 | Check disconnected probe resistance: 4.2 +/- 0.5 ohm. |
| 05 | Establish the documented 1.0 mm reference gap electrically. |
| 06 | Verify the complete NSv channel response on the intended target. |

## 05 CONTROLLED DOCUMENT

| | |
|---|---|
| Official source | Bently Nevada 3300 XL NSv Proximity Transducer System, 147385 Rev. R. |
| Product record | 330903-00-02-10-12-05 |
| Manufacturer | Bently Nevada |
| Warranty | 12 months from AMIKON |
| Support | INFO@AMIKON.CN |

**AMIKON PRODUCT SUPPORT**

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**