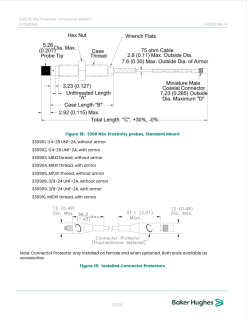
FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

330903-00-08-10-02-05

Unarmored proximity sensing probe



| | |
|---|---|
| PRODUCT | 330903-00-08-10-02-05 |
| FAMILY | 3300 XL NSv |
| FUNCTION | Unarmored proximity sensing 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 length | 0 mm |
| Overall case length | 80 mm |
| Total probe length | 1.0 m |
| Lead construction | Without armor |
| Connector selection | 02: miniature coaxial ClickLoc, standard cable |

## 02 PREPARATION AND CONNECTION

- Use the M8 x 1 mount; limit engagement to 12 mm.
- Match the 1 m probe with the selected 5 m or 7 m NSv chain.
- Keep cable bends at 25.4 mm radius or greater.
- Join ClickLoc connectors finger tight; maximum coupling is 0.56 N m.

# 03 OFFICIAL INSTALLATION REFERENCE



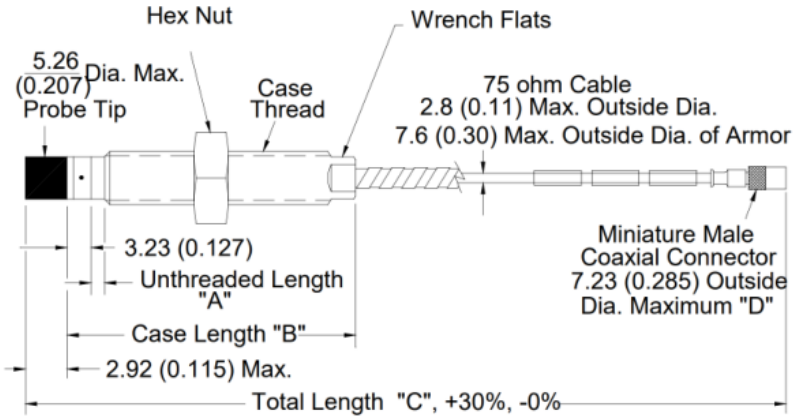



**Figure 18: 3300 NSv Proximity probes, Standard Mount**

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

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

330903, M8X1 thread, without armor

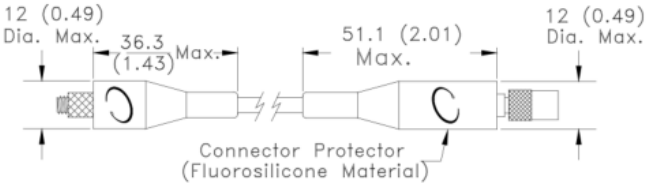
330904, M8X1 thread, with armor

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 complete probe identity and ordered case length. |
| 02 | Inspect the PPS tip, case thread and standard cable connection. |
| 03 | Check probe resistance disconnected: 4.2 +/- 0.5 ohm. |
| 04 | Confirm matching NSv extension and Proximitor calibration. |
| 05 | Set the documented 1.0 mm reference gap for standard conditions. |
| 06 | Verify the complete chain response on the intended target. |

## 05 CONTROLLED DOCUMENT

| | |
|---|---|
| Official source | Bently Nevada 147385 Rev. R; approval guide 108M1756 Rev. AV. |
| Product record | 330903-00-08-10-02-05 |
| Manufacturer | Bently Nevada |
| Warranty | 12 months from AMIKON |
| Support | INFO@AMIKON.CN |

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