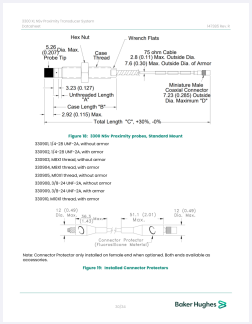
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

330903-01-07-10-12-05

Narrow-view shaft proximity probe



PRODUCT	330903-01-07-10-12-05
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	10 mm
Overall case length	70 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

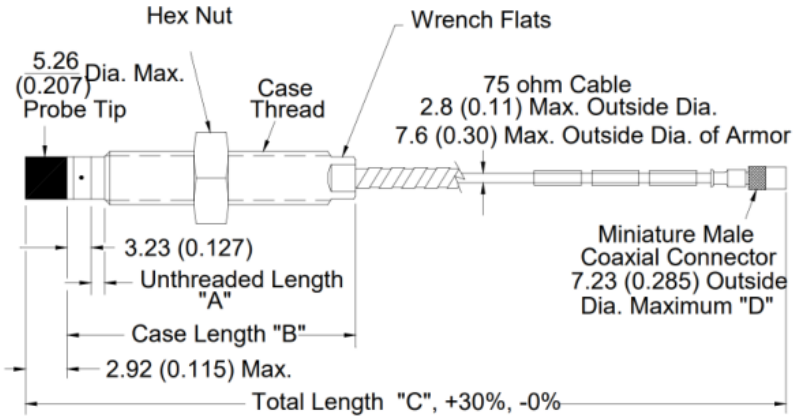


Figure 18: 3300 NSv Proximity probes, Standard Mount

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

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

330903, M8X1 thread, without armor

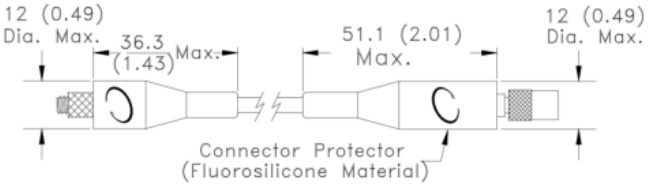
330904, M8X1 thread, with armor

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	330903-01-07-10-12-05
Manufacturer	Bently Nevada
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

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