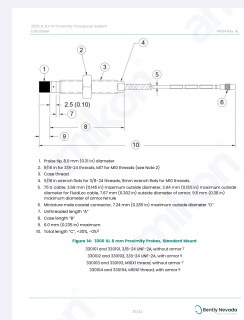


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330102-04-25-10-02-00

3300 XI 8 Mm Proximity Probe



PRODUCT	330102-04-25-10-02-00
FAMILY	3300 XL 8 mm
FUNCTION	3300 XI 8 Mm Proximity Probe
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 141194. 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 8 mm
Probe Thread	3/8-24 UNF
Cable Armor	Stainless steel armor
Unthreaded Length	0.4 in
Overall Case Length	2.5 in
Total Cable Length	1.0 m
Connector Option	02 ClickLoc coaxial

02 MOUNTING AND CONNECTION

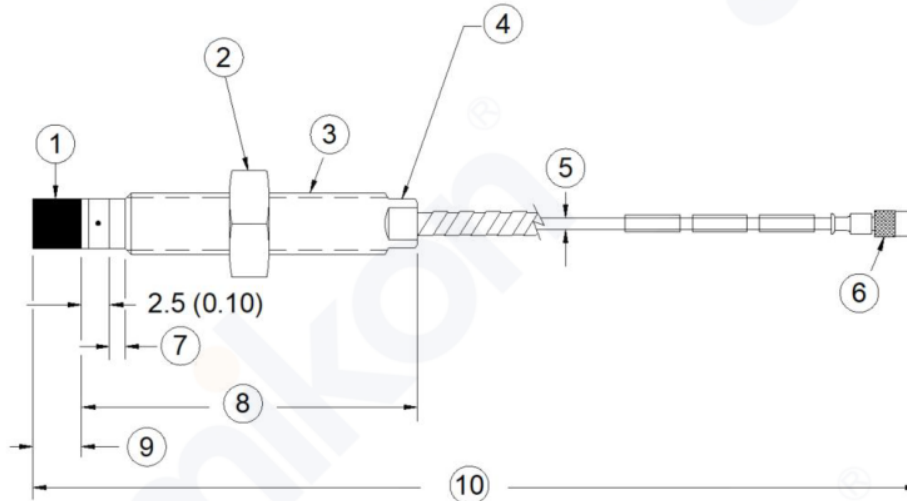
- Confirm the complete 3300 XL 8 mm probe suffix and installed target arrangement.
- Verify the 3/8-24 UNF or M10 x 1 mounting interface shown for the exact model.
- Use the probe-case torque applicable to the mounting type; do not apply case torque to the connector.
- Mate matching XL ClickLoc connectors finger-tight and support the probe cable.
- Set the initial gap near 1.27 mm and verify the complete transducer response.

MANUFACTURER INSTALLATION REFERENCE

Official manufacturer reference reproduced from Bently Nevada 141194. Use the current source document and all referenced drawings and notes for installation.

3300 XL 8 mm Proximity Transducer System
Datasheet

141194 Rev. AL



1. Probe tip, 8.0 mm (0.31 in) diameter
2. 9/16 in for 3/8-24 threads, M17 for M10 threads (see Note 2)
3. Case thread
4. 5/16 in wrench flats for 3/8-24 threads; 8mm wrench flats for M10 threads.
5. 75 Ω cable, 3.68 mm (0.145 in) maximum outside diameter, 3.94 mm (0.155 in) maximum outside diameter for FluidLoc cable, 7.67 mm (0.302 in) outside diameter of armor, 9.5 mm (0.38 in) maximum diameter of armor ferrule
6. Miniature male coaxial connector, 7.24 mm (0.285 in) maximum outside diameter "D"
7. Unthreaded length "A"
8. Case length "B"
9. 6.0 mm (0.235 in) maximum
10. Total length "C", +30%, -0%³

Figure 14: 3300 XL 8 mm Proximity Probes, Standard Mount

330101 and 330191, 3/8-24 UNF-2A, without armor ⁷

330102 and 330192, 3/8-24 UNF-2A, with armor ⁶

330103 and 330193, M10X1 thread, without armor ⁷

330104 and 330194, M10X1 thread, with armor ⁶

04

CABLE ROUTING AND CONNECTION

- Verify the 3/8-24 UNF or M10 x 1 mounting interface shown for the exact model.
- Use the probe-case torque applicable to the mounting type; do not apply case torque to the connector.
- Mate matching XL ClickLoc connectors finger-tight and support the probe cable.
- Set the initial gap near 1.27 mm and verify the complete transducer 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 141194
Product record	330102-04-25-10-02-00
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN