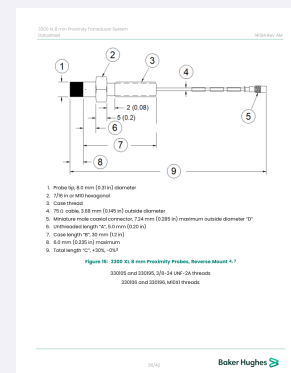


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330105-02-12-90-12-00

Reverse-mount Proximity Probe



PRODUCT	330105-02-12-90-12-00
FAMILY	3300 XL 8 mm
FUNCTION	Reverse-mount Proximity Probe
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 141194 Rev. AM. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Total length option	90: 9.0 m
Connector and cable-type option	12: ClickLoc; FluidLoc cable
Agency approval option	00: Not required
Case thread	3/8-24 UNF
Probe tip material	Polyphenylene sulfide (PPS)
Probe case material	AISI 303 or 304 stainless steel
Recommended case torque	7.5 N m, reverse mount

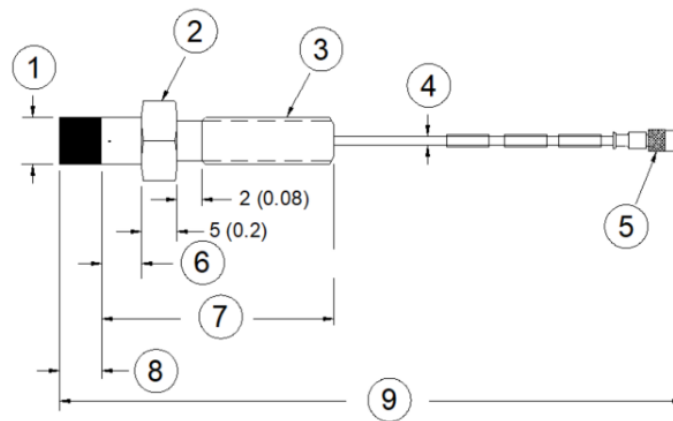
02 MOUNTING AND CONNECTION

- Check the complete suffix and the actual target arrangement.
- Confirm the 3/8-24 UNF mounting interface and the selected probe construction.
- Use the case torque applicable to the mounting type, not connector torque.
- Connect matching XL ClickLoc connectors finger-tight.
- Review pressure containment and applicable certification conditions.

MANUFACTURER INSTALLATION REFERENCE

3300 XL 8 mm Proximity Transducer System
Datasheet

141194 Rev. AM



1. Probe tip, 8.0 mm (0.31 in) diameter
2. 7/16 in or M10 hexagonal
3. Case thread
4. 75 Ω cable, 3.68 mm (0.145 in) outside diameter
5. Miniature male coaxial connector, 7.24 mm (0.285 in) maximum outside diameter "D"
6. Unthreaded length "A", 5.0 mm (0.20 in)
7. Case length "B", 30 mm (1.2 in)
8. 6.0 mm (0.235 in) maximum
9. Total length "C", +30%, -0%³

Figure 15: 3300 XL 8 mm Proximity Probes, Reverse Mount 4, 7

330105 and 330195, 3/8-24 UNF-2A threads

330106 and 330196, M10X1 threads

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

04

CABLE ROUTING AND CONNECTION

- Confirm the 3/8-24 UNF mounting interface and the selected probe construction.
- Use the case torque applicable to the mounting type, not connector torque.
- Connect matching XL ClickLoc connectors finger-tight.
- Review pressure containment and applicable certification conditions.
- Use the complete transducer user guide for gap setting and commissioning.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Check the exact configuration against the controlled site requirements.
- Verify the measurement using the complete equipment instructions.
- Record the complete model and the installed measurement arrangement.

06

CONTROLLED DOCUMENTS

Official source	Bently Nevada 141194 Rev. AM
Product record	330105-02-12-90-12-00
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN