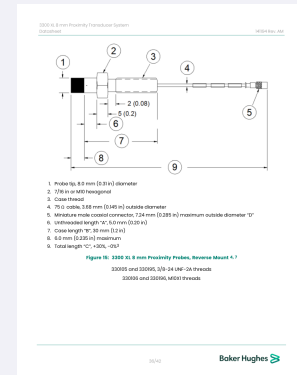


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330105-02-12-05-02-05

3300 XL 8 mm Reverse-Mount Probe



PRODUCT	330105-02-12-05-02-05
FAMILY	3300 XL 8 mm Proximity Transducer System
FUNCTION	3300 XL 8 mm Reverse-Mount Probe
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM, pages 1, 4, 14 and 36. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Mounting configuration	Reverse mount
Case thread	3/8-24 UNF
Probe tip diameter	8.0 mm
Total length option	05: 0.5 metre (1.6 feet)
Connector option	02: Miniature ClickLoc coaxial connector
Agency approval option	05: CSA, ATEX and IECEx approvals
Probe cable impedance	75 ohm

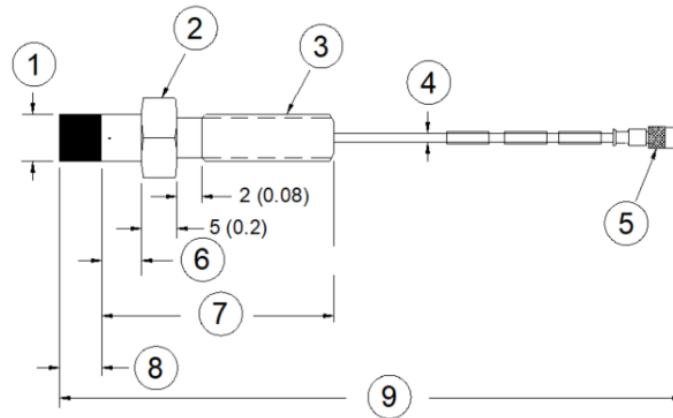
02 MOUNTING AND CONNECTION

- Confirm the complete order number and approval markings before installation.
- Verify the reverse-mount 3/8-24 UNF mechanical interface.
- Protect the 8 mm probe tip, sleeve, cable and ClickLoc connector.
- Route the 75-ohm signal cable away from high-voltage power conductors.
- Match the total electrical length of the probe, extension cable and Proximity Sensor.

OFFICIAL 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

04

CABLE ROUTING AND CONNECTION

- Verify the reverse-mount 3/8-24 UNF mechanical interface.
- Protect the 8 mm probe tip, sleeve, cable and ClickLoc connector.
- Route the 75-ohm signal cable away from high-voltage power conductors.
- Match the total electrical length of the probe, extension cable and Proximity Sensor.
- Set the operating gap and verify channel response before returning machinery to service.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm normal indications and fault-contact state after commissioning.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM, pages 1, 4, 14 and 36
Product record	330105-02-12-05-02-05
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN