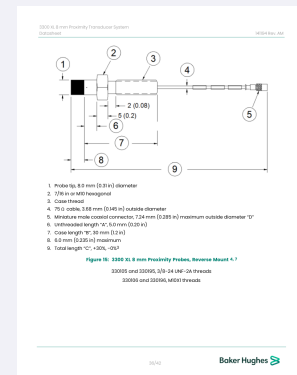


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330102-00-40-05-01-05

3300 XL 8 mm Standard-Mount Probe with Armor



PRODUCT	330102-00-40-05-01-05
FAMILY	3300 XL 8 mm Proximity Transducer System
FUNCTION	3300 XL 8 mm Standard-Mount Probe with Armor
STATUS	Verify exact configuration

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

01 CONFIRM THE ORDERED CONFIGURATION

Mounting configuration	Standard mount with armor
Case thread	3/8-24 UNF-2A
Unthreaded length option	00: 0.0 in
Overall case length option	40: 4.0 in
Total length option	05: 0.5 metre (1.6 feet)
Connector and cable option	01: ClickLoc connector with protector, standard cable
Agency approval option	05: CSA, ATEX and IECEx approvals

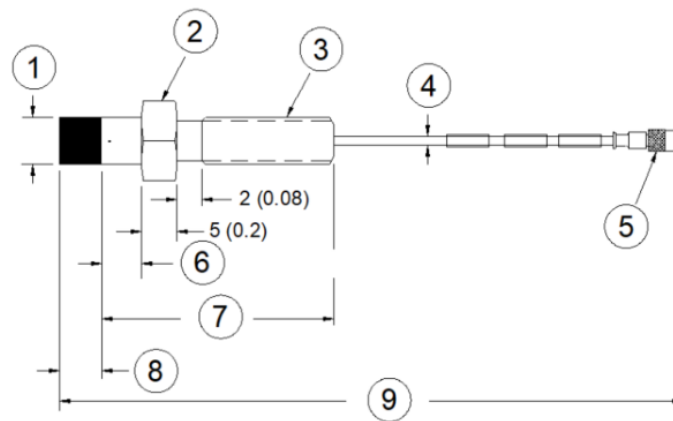
02 MOUNTING AND CONNECTION

- Confirm the complete order number and approval markings before installation.
- Verify the standard-mount 3/8-24 UNF mechanical interface and 4.0-inch case length.
- Protect the 8 mm probe tip, armor, 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 Proximitor 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

Official manufacturer reference reproduced from Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM, relevant specification, ordering and installation pages. Use the current source document and all referenced drawings and notes for installation.

04

CABLE ROUTING AND CONNECTION

- Verify the standard-mount 3/8-24 UNF mechanical interface and 4.0-inch case length.
- Protect the 8 mm probe tip, armor, 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 Proximitior 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, relevant specification, ordering and installation pages
Product record	330102-00-40-05-01-05
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN