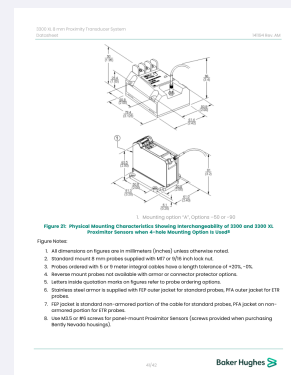


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330180-50-05

3300 XL Proximito Sensor



PRODUCT	330180-50-05
FAMILY	3300 XL 8 mm Proximity Transducer System
FUNCTION	3300 XL Proximito Sensor
STATUS	Verify exact configuration

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

01

CONFIRM THE ORDERED CONFIGURATION

Sensor family	3300 XL Proximito Sensor
System length option	50: 5.0 metres (16.4 feet)
Mounting option	Panel mount
Agency approval option	05: CSA, ATEX and IECEx approvals
Nominal scale factor	7.87 V/mm (200 mV/mil)
Linear range	2.0 mm (80 mil)
Frequency response	0 to 10 kHz, typical

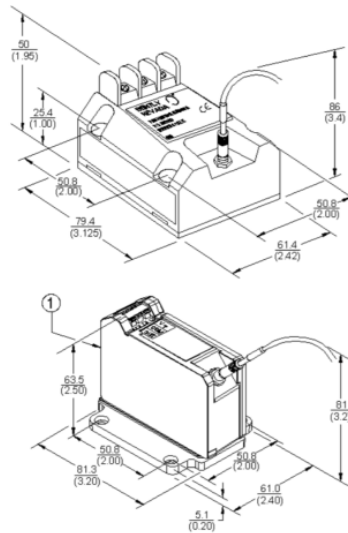
02

MOUNTING AND CONNECTION

- Confirm model 330180-50-05 and approval markings.
- Use the specified panel-mount arrangement.
- Match probe and extension cable lengths to 5.0 metres.
- Maintain connector cleanliness and cable shielding.
- Set the probe operating gap before commissioning.

3300 XL 8 mm Proximity Transducer System
Datasheet

141194 Rev. AM



1. Mounting option "A", Options -50 or -90

Figure 21: Physical Mounting Characteristics Showing Interchangeability of 3300 and 3300 XL Proximitor Sensors when 4-hole Mounting Option Is Used⁸

Figure Notes:

1. All dimensions on figures are in millimeters (inches) unless otherwise noted.
2. Standard mount 8 mm probes supplied with M17 or 9/16 inch lock nut.
3. Probes ordered with 5 or 9 meter integral cables have a length tolerance of +20%, -0%.
4. Reverse mount probes not available with armor or connector protector options.
5. Letters inside quotation marks on figures refer to probe ordering options.
6. Stainless steel armor is supplied with FEP outer jacket for standard probes, PFA outer jacket for ETR probes.
7. FEP jacket is standard non-armored portion of the cable for standard probes, PFA jacket on non-armored portion for ETR probes.
8. Use M3.5 or #6 screws for panel-mount Proximitor Sensors (screws provided when purchasing Bently Nevada housings).

04

CABLE ROUTING AND CONNECTION

- Use the specified panel-mount arrangement.
- Match probe and extension cable lengths to 5.0 metres.
- Maintain connector cleanliness and cable shielding.
- Set the probe operating gap before commissioning.
- Verify gap voltage, scaling and monitor response.

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 specifications, ordering and panel-mount pages
Product record	330180-50-05
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN