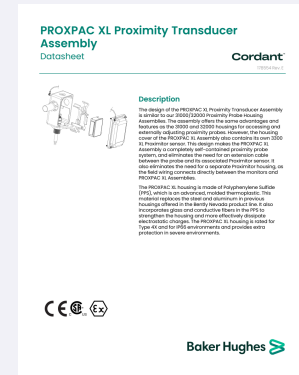


FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

Bently Nevada 330881-16-10-100-03-02  
3300 XL 8 mm PROXPAC proximity transducer assembly



|                |                                          |
|----------------|------------------------------------------|
| PRODUCT        | 330881-16-10-100-03-02                   |
| THREAD         | 3/4-14 NPT                               |
| ORDERED LENGTH | 200 mm combined standoff and penetration |
| APPROVAL       | Order-code dependent                     |

Prepared by Amikon Limited from official Datasheet 178554 Rev. E. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

## 01 CONFIRM THE ORDERED CONFIGURATION

|                         |                                              |
|-------------------------|----------------------------------------------|
| Thread / mounting       | 3/4-14 NPT                                   |
| Armor / input           | Aluminum housing with stainless steel sleeve |
| Unthreaded / full scale | 100 mm standoff length                       |
| Case / construction     | 100 mm probe penetration                     |
| Cable / system          | 200 mm combined standoff and penetration     |
| Connector / output      | One M20 fitting and two plugs                |
| Approval option         | Order-code dependent                         |

## 02 MECHANICAL MOUNTING

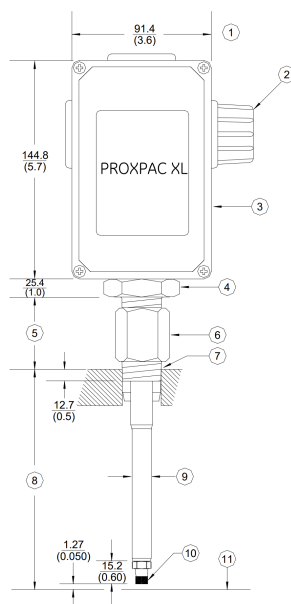
- Verify the complete order number 330881-16-10-100-03-02 before installation.
- Use the specified 3/4-14 NPT mounting and protect sensing or terminal surfaces.
- Preserve the ordered 100 mm standoff length and 100 mm probe penetration mechanical configuration.
- Do not force the case, cable, connector, terminals, or mounting hardware.
- Confirm compatible system components before commissioning.

## 03

## MECHANICAL INSTALLATION DRAWING

PROXPAC XL Proximity Transducer Assembly  
Datasheet

178554 Rev. E


**Figure 2: Dimensions for PROXPAC XL Proximity Transducer Assembly**

1. Depth = 92.7 (3.65)
2. Fitting "D"
3. PROXPAC XL Housing
4. 42 (1.75) hexagonal
5. Dimension "B"
6. Standoff adaptor (optional)
7. 3/4-14 NPT
8. Dimension "C"
9. 12.7 (0.5) diameter stainless steel sleeve
10. Probe
11. Target surface

04

## CABLE ROUTING AND CONNECTION

- Maintain the ordered 200 mm combined standoff and penetration configuration.
- Route signal wiring away from high-voltage power conductors.
- Protect cable, connector and terminals from contamination and moisture.
- Do not exceed manufacturer bend-radius or connector-torque limits.
- Verify grounding and hazardous-area requirements before energizing.

05

## INITIAL GAP AND SYSTEM CHECKS

- Complete wiring and compatibility checks before commissioning.
- Confirm gap voltage, loop current, or axial position using the official procedure.
- Verify monitor or control-system channel configuration and alarm logic.
- Record the installed order number and measured baseline values.

06

## CONTROLLED DOCUMENTS

|                    |                              |
|--------------------|------------------------------|
| Official datasheet | 178554 Rev. E                |
| Product record     | 330881-16-10-100-03-02       |
| Manufacturer       | Baker Hughes / Bently Nevada |
| Support            | INFO@AMIKON.CN               |