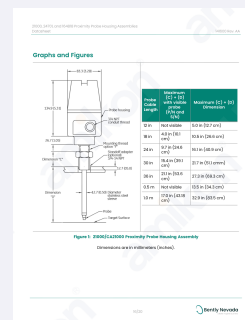


## FIELD INSTALLATION QUICK GUIDE

## Installation Instructions

Bently Nevada 21000-15-10-00-166-03-02

## 21000 Proximity Probe Housing



|          |                               |
|----------|-------------------------------|
| PRODUCT  | 21000-15-10-00-166-03-02      |
| FAMILY   | 21000 Probe Housing           |
| FUNCTION | 21000 Proximity Probe Housing |
| STATUS   | Verify exact configuration    |

Prepared by Amikon Limited from Bently Nevada 141600. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

## 01

## CONFIRM THE ORDERED CONFIGURATION

|                    |                                    |
|--------------------|------------------------------------|
| Housing Series     | 21000 aluminum                     |
| Probe Option       | 15 — Probe option 15               |
| Probe Cable Length | 1.0 m                              |
| Standoff Adapter   | None                               |
| Probe Penetration  | 16.6 in                            |
| Fittings Option    | 3/4 NPT plug + 1/2 NPT reducer kit |
| Mounting Thread    | 3/4-14 NPT                         |

## 02

## MOUNTING AND CONNECTION

- Confirm probe option, cable length, standoff, penetration, fittings and mounting thread.
- Install the 3/4-14 NPT housing interface and preserve the specified penetration depth.
- Use sleeve support when the combined standoff and penetration dimension exceeds 300 mm.
- Maintain the 13 mm adjustment range and protect the probe cable inside the aluminum housing.
- Verify the probe gap, housing seal and connected Proximitor channel before service.

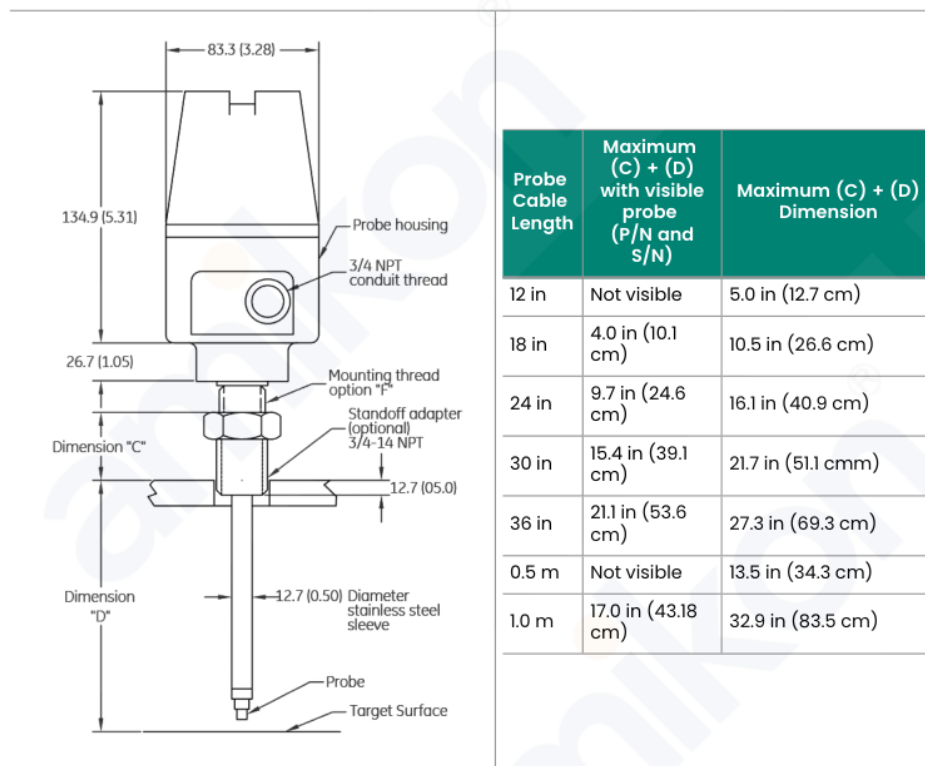
## MANUFACTURER INSTALLATION REFERENCE

Official manufacturer reference reproduced from Bentley Nevada 141600. Use the current source document and all referenced drawings and notes for installation.

21000, 24701, and 164818 Proximity Probe Housing Assemblies  
Datasheet

141600 Rev. AA

### Graphs and Figures



**Figure 1: 21000/CA21000 Proximity Probe Housing Assembly**

Dimensions are in millimeters (inches).

## 04 CABLE ROUTING AND CONNECTION

- Install the 3/4-14 NPT housing interface and preserve the specified penetration depth.
- Use sleeve support when the combined standoff and penetration dimension exceeds 300 mm.
- Maintain the 13 mm adjustment range and protect the probe cable inside the aluminum housing.
- Verify the probe gap, housing seal and connected Proximity channel before service.

## 05 INITIAL SYSTEM CHECKS

- Confirm exact model identity and compatible system components before energizing.
- Check the saved configuration against the controlled site requirements.
- Verify the measurement or signal path using the complete manufacturer instructions.
- Record the installed model, baseline values and final channel status.

## 06 CONTROLLED DOCUMENTS

|                 |                          |
|-----------------|--------------------------|
| Official source | Bently Nevada 141600     |
| Product record  | 21000-15-10-00-166-03-02 |
| Manufacturer    | Bently Nevada            |
| Support         | INFO@AMIKON.CN           |