

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Bently Nevada 21000-16-05-00-080-04-02

Aluminum Proximity Probe Housing

PROBE	STANDOFF	PENETRATION	MOUNT
8 mm	None	8.0 in	3/4-14 NPT

For qualified personnel. This concise reference does not replace controlled manufacturer instructions, site safety procedures or approval documents.

01

CONFIRM ORDERED CONFIGURATION

Included sensing probe	3300 XL 8 mm probe, option 16
Probe cable length	0.5 m
Standoff adapter	None supplied, option 00
Nominal probe penetration	8.0 in (203.2 mm)
Conduit hardware	One 3/4-14 NPT plug only
Machine mounting connection	3/4-14 NPT

02

INSTALLATION CONTROLS

- Check 8.0 in penetration and the no-standoff arrangement against the machine drawing.
- Match the included 0.5 m probe cable to the required extension cable and Proximitior.
- Use the specified 3/4-14 NPT machine connection and verify the sleeve support.
- Check the selected conduit hardware: one npt plug only.
- Ordinary 21000 is not a CA explosion-proof housing designation.

03 OFFICIAL INSTALLATION DRAWING

21000, 24701, and I64818 Proximity Probe Housing Assemblies
Datasheet 141600 Rev. AC

Graphs and Figures

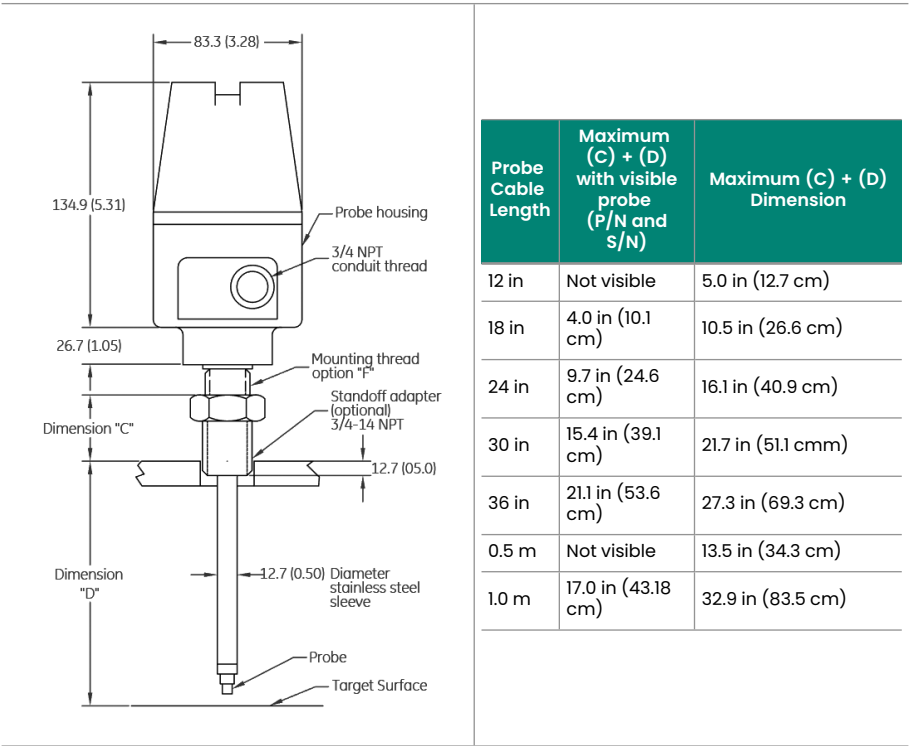


Figure 1: 21000/CA21000 Proximity Probe Housing Assembly

Dimensions are in millimeters (inches).

Original manufacturer family drawing p.16. The exact ordered geometry is identified on the preceding page; CA approval is not implied.

04 PRE-ENERGIZATION CHECKS

01	Confirm the complete order 21000-16-05-00-080-04-02 against the supplied assembly.
02	Check penetration, standoff and machine connection as distinct mechanical requirements.
03	Confirm the included probe, cable length and complete sensing-system compatibility.
04	Review conduit sealing, enclosure designation and any applicable probe approvals.
05	Support long sleeves where required; keep the probe lead longer than the sleeve.
06	Complete the applicable probe-gap and functional checks before machinery service.

05 OFFICIAL DOCUMENTATION

Datasheet 141600 Rev. AC

06 SCOPE REMINDER

The housing provides mechanical support and protection, not standalone signal conditioning. Use the complete manufacturer instructions and actual approval documents for final installation.

AMIKON PRODUCT SUPPORT

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