

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Bently Nevada 24701-00-00-15-037-04-02

Stainless Proximity Probe Housing

PROBE	STANDOFF	PENETRATION	MOUNT
Not supplied	1.5 in	3.7 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

Supplied sensing components	No probe or probe cable, options A00/B00
Standoff adapter length	1.5 in (38.1 mm)
Nominal probe penetration	3.7 in (93.98 mm)
Conduit hardware	One 3/4-14 NPT plug only
Machine mounting thread	3/4-14 NPT
Housing body material	303 stainless steel

02

INSTALLATION CONTROLS

- Check 3.7 in penetration and the 1.5 in standoff against the machine drawing.
- Select the correct sensing probe and complete transducer channel.
- Use the specified 3/4-14 NPT machine connection and verify the sleeve support.
- Check the selected conduit hardware: one npt plug only.
- Ordinary 24701 is not a CA explosion-proof housing designation.

03 OFFICIAL INSTALLATION DRAWING

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

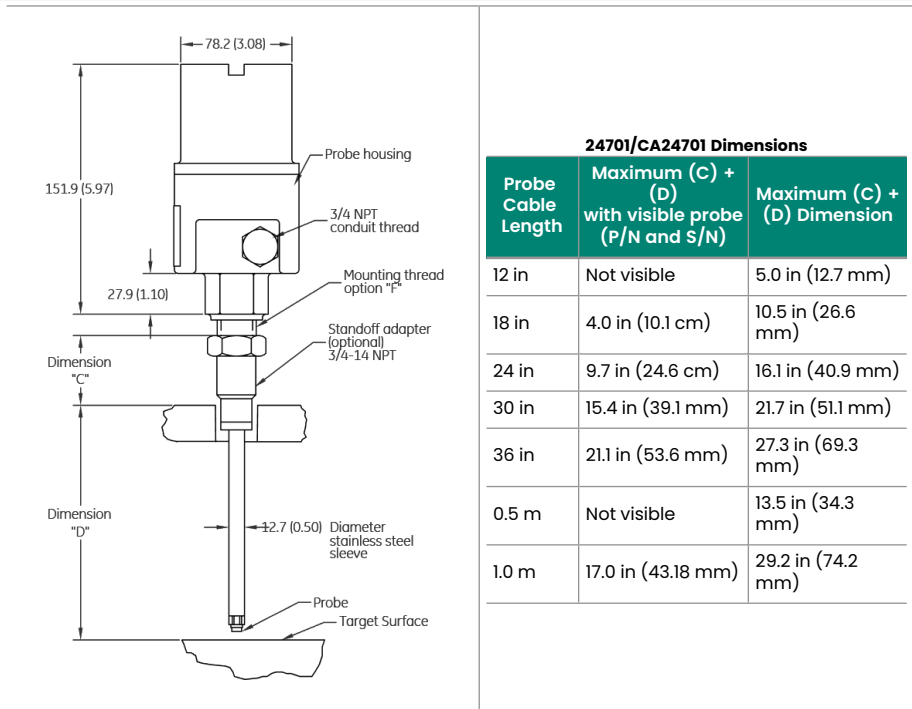


Figure 2: 24701/CA24701 Proximity Probe Housing Assembly

Dimensions are in millimeters (inches).

Original manufacturer family drawing p.17. The exact ordered geometry is identified on the preceding page; CA approval is not implied.

04 PRE-ENERGIZATION CHECKS

01	Confirm the complete order 24701-00-00-15-037-04-02 against the supplied assembly.
02	Check penetration, standoff and machine connection as distinct mechanical requirements.
03	Verify the separately selected probe and cable; neither is included.
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

This order supplies a mechanical housing without a sensing probe or cable. Select the complete measurement system separately. Use the complete manufacturer instructions and actual approval documents for final installation.

AMIKON PRODUCT SUPPORT

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