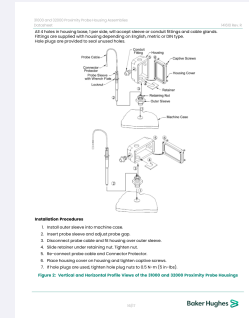


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

31000-28-10-15-040-03-02
proximity probe housing assembly



PRODUCT	31000-28-10-15-040-03-02
FAMILY	31000 and 32000 proximity probe housings
FUNCTION	proximity probe housing assembly
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Bently Nevada documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Housing Series	31000 English
Probe Option	3300 XL 8 mm with multiple approvals
Probe Cable Length	1.0 m
Standoff Adapter	1.5 in
Probe Penetration	4.0 in
Fittings Option	English fitting set 03

02 PREPARATION AND CONNECTION

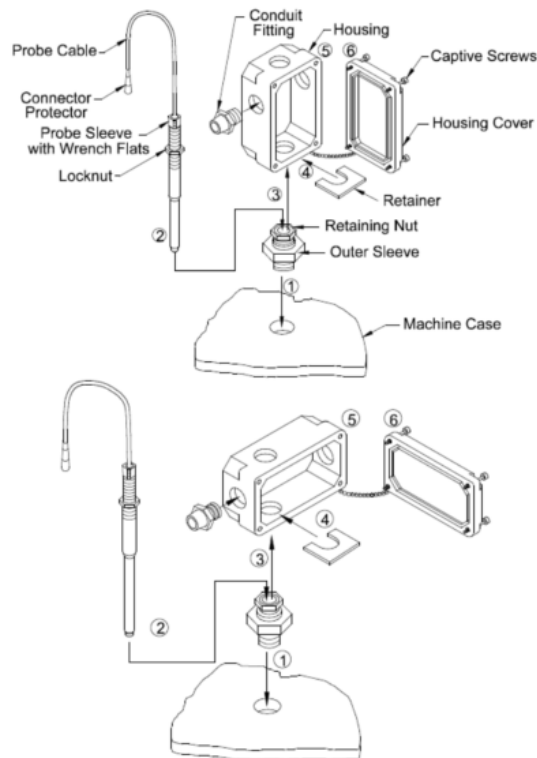
- Confirm the complete 31000-28-10-15-040-03-02 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

31000 and 32000 Proximity Probe Housing Assemblies
Datasheet

141610 Rev. R

All 4 holes in housing base, 1 per side, will accept sleeve or conduit fittings and cable glands. Fittings are supplied with housing depending on English, metric or DIN type. Hole plugs are provided to seal unused holes.



Installation Procedures

1. Install outer sleeve into machine case.
2. Insert probe sleeve and adjust probe gap.
3. Disconnect probe cable and fit housing over outer sleeve.
4. Slide retainer under retaining nut. Tighten nut.
5. Re-connect probe cable and Connector Protector.
6. Place housing cover on housing and tighten captive screws.
7. If hole plugs are used, tighten hole plug nuts to 0.5 N-m (5 in-lbs).

Figure 2: Vertical and Horizontal Profile Views of the 31000 and 32000 Proximity Probe Housings

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Bently Nevada official manufacturer documentation
Product record	31000-28-10-15-040-03-02
Manufacturer	Bently Nevada
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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