

APTER POWER INSTALLATION & VERIFICATION REFERENCE

146054-034-20-02-05

A separate model-specific field checklist

Use this reference to verify the complete Bently Nevada marking, configuration-controlled fields, matched components, mechanical fit, signal path, and approval evidence before installation or substitution.

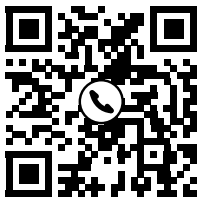
Manufacturer	Bently Nevada
Prepared by	Apter Power
Document ID	AP-B11-06-146054-034-20-02-05-IV-R1
Revision	R1
Issue date	2026-08-20

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Ceramic-capped sensing. Conductive-fluid applications.

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SCAN FOR PRODUCT & QUOTE

146054-034-20-02-05

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every printed character of 146054-034-20-02-05 to the physical nameplate and quotation.
2	Code control	Datasheet 172932 identifies 146054 as a 3/8-24 UNF ceramic-capped probe without armor. The current standard format is 146054-AA-BB-CC-DD; the supplied 034 field is retained unchanged and not silently normalized to 34.
3	Mechanical	The official 146054 English-thread order table uses a two-character case-length field, while the supplied marking contains 034. Exact case length, installed dimensions, mass, and packed size require nameplate or legacy-document confirmation.
4	System matching	3300 XL 8 mm extension cable selected to complete the required system length
5	Signal path	Connected to a correctly matched extension cable and 3300 XL 8 mm Proximitar Sensor, the probe produces a gap-dependent signal for machinery vibration or position monitoring. The ceramic cap allows the probe to operate in applications with electrically conductive liquid around the probe tip, subject to the official sealing and installation limits.
6	Commissioning	Record geometry, gap, scaling, functional test, technician, document revision, and date.

Product-Specific Precautions

- Do not normalize 034 to 34 without the nameplate or legacy order document
- Confirm case length, insertion depth, and thread engagement before mounting
- Verify all wetted materials and pressure-sealing requirements for the process fluid
- Match probe, extension cable, and Proximitar Sensor total system length
- Confirm the exact connector and approval marking before hazardous-area use

2. Commissioning Record

Record item	Site entry
Physical model / suffix	
Serial / revision	
MOD or legacy drawing	
Machine and measurement point	
Matched cable / sensor / transmitter	
Mounting, gap, and clearance	
Signal or loop scaling	
Approval drawing / barrier	
Functional test / technician / date	

Source Basis

Baker Hughes / Bently Nevada 3300 Ceramic Capped Probe Datasheet 172932 Rev. J

Important Notice

This Apter Power checklist is not a Bently Nevada installation instruction. The current manufacturer documentation, physical nameplate, MOD or legacy drawing, machine drawing, and applicable safety rules control all work.

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