

APTER POWER INSTALLATION & VERIFICATION REFERENCE

330171-00-08-20-02-00

A separate product-specific field checklist

Use this model-specific reference to verify the complete Bently Nevada ordering code, matched components, mounting geometry, signal path, and approval evidence before installation or substitution.

Manufacturer	Bently Nevada
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Compact tip. Two-metre lead. Exact system matching.

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SCAN FOR PRODUCT & QUOTE

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1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 330171-00-08-20-02-00 to the physical nameplate and quotation.
2	Mechanical	Overall case: 0.8 in; integral lead: 2.0 m (6.6 ft); family probe weight reference: 323 g. Exact packed-carton dimensions are not published.
3	System matching	Match the 2.0 m probe with a 3.0 m 330130 extension cable and 5.0 m 330180 Proximitor Sensor, or with a 7.0 m extension cable and 9.0 m sensor.
4	Signal path	Used with a correctly matched 3300 XL extension cable and 3300 XL Proximitor Sensor, it converts distance from the compact 5.2 mm probe tip to a conductive shaft or target into a proportional voltage. The complete system measures dynamic radial vibration, static or axial position, Keyphasor phase reference, and rotational speed on fluid-film-bearing machinery.
5	Approval	Use only the approvals and installation drawing confirmed by the exact physical marking.
6	Commissioning	Record gap, loop or monitor scaling, functional test result, technician, and date.

Product-Specific Precautions

- Match the 2.0 m probe with a 3.0 m 330130 extension cable and 5.0 m 330180 Proximitor Sensor, or with a 7.0 m extension cable and 9.0 m sensor.
- Limit 1/4-28 engagement to 0.375 in and follow the 5.1 N m recommended case torque.
- Maintain the 25.4 mm minimum bend radius and protect the ClickLoc connection from oil, moisture, crushing, and sharp edges.
- Set the final gap against the actual target and verify target size, shaft diameter, probe spacing, and monitoring scale.
- Do not infer hazardous-area approval; final option 00 does not request an approval configuration.

2. Commissioning Record

Record item	Site entry
Physical model / suffix	
Serial / revision	
Machine and measurement point	
Matched cable / sensor / transmitter	
Mounting and gap evidence	
Signal or loop scaling	
Approval drawing / barrier	
Functional test result	
Technician / date	

Source Basis

Baker Hughes / Bently Nevada 3300 5 mm Transducer System Datasheet 172036 Rev. T - <https://dam.bakerhughes.com/m/3048672186f80f8/original/3300-5-mm-Transducer-System-Datasheet-172036-pdf.pdf>; Baker Hughes / Bently Nevada Approvals Quick Reference Guide 108M1756 Rev. AV - <https://dam.bakerhughes.com/asset/39aafae9-7f77-4a1e-aae3-04783ae5aca9/Approvals-Quick-Reference-Guide-Country-Specific-Ordering-Options-108M1756-pdf.pdf>

Important Notice

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

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