

APTER POWER INSTALLATION & VERIFICATION REFERENCE

330101-30-61-10-02-05

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

Exact 6.1 in geometry. Matched-system confidence.

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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 330101-30-61-10-02-05 to the physical nameplate and quotation.
2	Mechanical	Ordered case length: 6.1 in; total probe length: 1.0 m (3.3 ft). The official datasheet does not publish a packed shipping carton size for this exact suffix.
3	System matching	Use a 4.0 m 330130 extension cable with a 5.0 m Proximitor Sensor, or an 8.0 m extension cable with a 9.0 m Proximitor Sensor.
4	Signal path	In a correctly matched 3300 XL 8 mm transducer system, the probe detects distance to a conductive shaft and the Proximitor Sensor converts that gap into a voltage used for shaft vibration, position, phase-reference, and speed measurements on rotating 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

- Use a 4.0 m 330130 extension cable with a 5.0 m Proximitor Sensor, or an 8.0 m extension cable with a 9.0 m Proximitor Sensor.
- Verify the 3/8-24 UNF mounting hole, side-view clearance, insertion depth, and case-thread engagement before installation.
- Maintain the published 25.4 mm minimum cable bend radius and protect the lead from crushing, sharp edges, and oil paths.
- Gap the complete matched system against the intended target material; do not set the final gap from mechanical distance alone.
- Confirm the physical 05 approval marking, current certificate, barriers, and installation drawing before hazardous-area use.

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 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM - <https://dam.bakerhughes.com/m/23d2a1de24360b13/original/3300-XL-8mm-Proximity-Transducer-System-Datasheet-141194-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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