

APTER POWER INSTALLATION & VERIFICATION REFERENCE

330703-000-090-50-02-00

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.

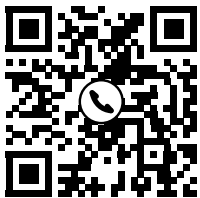
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|--------------|----------------------------------------|
| Manufacturer | Bently Nevada                          |
| Prepared by  | Apter Power                            |
| Document ID  | AP-BN-06-330703-000-090-50-02-00-IV-R1 |
| Revision     | R1                                     |
| Issue date   | 2026-08-20                             |

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Longer range. Direct five-metre connection.

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SCAN FOR PRODUCT & QUOTE  
330703-000-090-50-02-00

## 1. Pre-Installation Verification

| Step | Check           | Required evidence                                                                                                                                                                                                                                                                                                                                 |
|------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Identity        | Match every character of 330703-000-090-50-02-00 to the physical nameplate and quotation.                                                                                                                                                                                                                                                         |
| 2    | Mechanical      | Overall case length: 90 mm; integral lead: 5.0 m. Approximate configured probe mass is calculated from the manufacturer formula; packed-carton dimensions are not published.                                                                                                                                                                      |
| 3    | System matching | A 5 m 330780 XL 11 mm Proximator Sensor; no extension cable is used with this 5 m integral probe.                                                                                                                                                                                                                                                 |
| 4    | Signal path     | Connected directly to a 5 m 330780 Proximator Sensor, this probe forms the extended-range 11 mm system that converts shaft or target displacement into a proportional voltage. It supports axial or thrust position, ramp differential expansion, rod position or rod drop, radial vibration, Keyphasor, tachometer, and zero-speed measurements. |
| 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

- Connect the 5 m probe directly to a 5 m 330780 Proximator Sensor; do not add an extension cable.
- Limit M14 x 1.5 thread engagement to 21 mm and follow the published 21.1 N m recommended case torque.
- Maintain the 25.4 mm minimum bend radius and allow for the positive cable-length tolerance during routing.
- Set the system gap near 2.5 mm using the actual target and monitor voltage; verify target diameter and shaft cross-talk limits.
- Do not infer hazardous-area certification: final option 00 means agency approval was not requested.

## 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 11 mm Proximity Transducer System Datasheet 146256 Rev. T - <https://dam.bakerhughes.com/m/27a2d91f28aadd41/original/3300-XL-11mm-Proximity-Transducer-System-Datasheet-146256-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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