

APTER POWER INSTALLATION & VERIFICATION REFERENCE

74712-03-11-02-00

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.

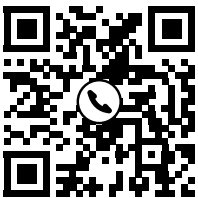
|              |                                      |
|--------------|--------------------------------------|
| Manufacturer | Bently Nevada                        |
| Prepared by  | Apter Power                          |
| Document ID  | AP-BN-B10-08-74712-03-11-02-00-IV-R1 |
| Revision     | R1                                   |
| Issue date   | 2026-08-20                           |

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Right-angle calibration. High-temperature casing protection.

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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 74712-03-11-02-00 to the physical nameplate and quotation.                                                                                                                                                                                                                                                             |
| 2    | Mechanical      | Typical sensor dimensions: 102 mm high x 41 mm diameter; typical mass: 480 g. Packed-carton dimensions are not published.                                                                                                                                                                                                                       |
| 3    | System matching | An 84508, 84509, 84660, 84510, or 87143 high-temperature cable selected for the required termination and environment.                                                                                                                                                                                                                           |
| 4    | Signal path     | Mounted on a bearing housing or machine casing, its internal seismic mechanism produces a voltage proportional to casing vibration velocity. The two-wire signal is routed through a compatible high-temperature cable to a Bently Nevada monitor or vibration data-collection input for continuous condition monitoring of rotating equipment. |
| 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

- Install the transducer at 90 +/-2.5 degrees from vertical as viewed from the driver end of the machine.
- Prepare a rigid flat mounting surface and tighten the M10 x 1 base to the published 5.6 N m torque.
- Route the separate high-temperature cable in protected conduit and keep connections dry and mechanically supported.
- Use a 10 kohm compatible input and verify polarity, shielding, frequency response, and channel scaling.
- Do not infer hazardous-area certification: final option 00 orders no agency approval.

## 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 9200 and 74712 Seismoprobe Velocity Transducers Datasheet 141626 Rev. V - <https://dam.bakerhughes.com/m/7b3b66d04b57d922/original/9200-and-74712-Seismoprobe-Velocity-Transducers-Datasheet-141626-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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