APTER POWER INSTALLATION & VERIFICATION REFERENCE

74712-01-11-02-00

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
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Vertical calibration. High-temperature velocity insight.

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SCAN FOR PRODUCT & QUOTE

74712-01-11-02-00

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 74712-01-11-02-00 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 0 +/-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.