

APTER POWER INSTALLATION & VERIFICATION REFERENCE

991-06-70-02-05

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

Axial position to 4-20 mA. Seven-metre NSv matching.

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SCAN FOR PRODUCT & QUOTE

991-06-70-02-05

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 991-06-70-02-05 to the physical nameplate and quotation.
2	Mechanical	Transmitter weight: 0.43 kg; typical complete system weight: 0.82 kg. The official datasheet provides mounting drawings but no packed-carton dimensions.
3	System matching	A 3300 NSv probe whose ordering code and cable length are suitable for the machine geometry.
4	Signal path	It accepts a 3300 NSv proximity probe and matching extension cable, conditions the shaft axial-position signal into a standard 4 to 20 mA output for a machinery control system, and provides non-isolated PROX OUT and COM diagnostic signals for gap voltage and dynamic vibration. It is intended primarily for centrifugal air compressors and small pumps, motors, or fans.
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 connected 3300 NSv probe and extension cable to the ordered 7.0 m system length.
- Set probe gap, zero, and span according to the official thrust-transmitter procedure; incorrect gap can prevent full-scale output.
- Use the 122115-01 Test Adapter when connecting grounded ac-powered equipment to PROX OUT because the diagnostic signal is non-isolated.
- Verify loop supply, total resistance, polarity, shield termination, and control-system scaling before applying machinery protection logic.
- Confirm the option 05 nameplate, entity parameters, barriers, maritime requirements, and current installation drawing before hazardous-area service.

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 991 Thrust Transmitter Datasheet 141618 Rev. R -
<https://dam.bakerhughes.com/m/6e93c1a104911e6e/original/991-Thrust-Transmitter-Datasheet-141618-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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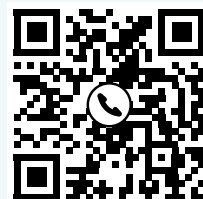
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