

APTER POWER INSTALLATION & VERIFICATION REFERENCE

24701-00-00-15-037-04-02

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

Stainless protection. Exact probe reach.

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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 24701-00-00-15-037-04-02 to the physical nameplate and quotation.
2	Mechanical	Published body dimensions: A 78.2 mm; B 151.9 mm; ordered C+D 132.1 mm; E 27.9 mm. Ordered sleeve geometry: 1.5 in (38 mm) standoff adapter; 3.7 in (94 mm) probe penetration. No packed-carton dimensions are published for the exact suffix.
3	System matching	no probe required and the probe cable specified by this complete ordering code.
4	Signal path	Installed on a machine casing or bearing housing, it supports a reverse-mount proximity probe and positions the probe tip over the shaft target while protecting the probe connection and cable transition. The installed probe system measures shaft vibration or position and connects to the matched extension cable, Proximitor Sensor, and monitoring channel.
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

- Verify every ordering segment against the housing nameplate and the machine drawing before machining or installation.
- Confirm that the ordered 1.5 in (38 mm) standoff adapter plus 3.7 in (94 mm) probe penetration places the probe within its adjustment range without side-view or rear-view interference.
- Sleeve lengths over 304 mm (12 in) require additional support; shorter configurations still require stiffness and resonance review.
- Seal conduit entries and the dome cover in accordance with the applicable enclosure and hazardous-area instructions.
- Use only the reverse-mount probe, cable length, fittings, thread seal, and mounting interface defined by the official ordering code.

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 21000, 24701, and 164818 Proximity Probe Housing Assemblies Datasheet 141600 - <https://dam.bakerhughes.com/m/10dc6008c2654db1/original/21000-and-24701-Proximity-Probe-Housing-Assemblies-Datasheet-141600-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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