

APTER POWER INSTALLATION & VERIFICATION REFERENCE

21000-28-05-00-035-01-02

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
Document ID	AP-BN-09-21000-28-05-00-035-01-02-IV-R1
Revision	R1
Issue date	2026-08-20

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

External access. Controlled probe geometry.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
21000-28-05-00-035-01-02

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 21000-28-05-00-035-01-02 to the physical nameplate and quotation.
2	Mechanical	Published body dimensions: A 83.3 mm; B 161.6 mm; ordered C+D 88.9 mm; E 26.7 mm. Ordered sleeve geometry: no standoff adapter; 3.5 in (89 mm) probe penetration. No packed-carton dimensions are published for the exact suffix.
3	System matching	3300 XL 8 mm probe with selectable hazardous-area approvals 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 no standoff adapter plus 3.5 in (89 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.

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

External access. Controlled probe geometry.

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE

21000-28-05-00-035-01-02