

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Bently Nevada 86497-01-02-02-00

Product Reference

aeroderivative acceleration/velocity interface module

DOCUMENT SCOPE

Apter Power product reference prepared from product-specific Baker Hughes / Bently Nevada technical information. Confirm the complete product identity and installed-system requirements before use. No product photograph is included.

Product / lookup identity	Bently Nevada 86497-01-02-02-00
Reference number	86497-01-02-02-00
Document basis	Baker Hughes / Bently Nevada technical documents listed on page 3



Product page

<https://www.apterpower.com/Bently-Nevada/86497-01-02-02-00>

Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Bently Nevada 86497-01-02-02-00 is an aeroderivative interface-module assembly used to condition compatible acceleration or velocity signals for machinery monitoring channels. Its documented hardware function is aeroderivative acceleration/velocity interface module. System context: aeroderivative acceleration/velocity interface module.

Technical parameter	Technical value
Requested assembly	86497-01-02-02-00
Interface family	86497
Signal use	Acceleration or velocity
Documented monitor	3500/44M Aeroderivative GT Vibration Monitor
Monitor input role	Interface-module signal source
Configuration	Verify complete installed label
Verification Status	Verified Product Reference

System function and signal path

- 01 System Inputs: aeroderivative acceleration/velocity interface module
- 02 Processing: Bently Nevada 86497-01-02-02-00 is an aeroderivative interface-module assembly used to condition compatible acceleration or velocity signals for machinery monitoring channels.

Applications, answers, and official sources

1 86497-01-02-02-00 installed-base maintenance: Supports like-for-like service of the documented aeroderivative acceleration/velocity interface module.

2 86497-01-02-02-00 compatibility review: Checks host hardware, revision, companion components, wiring and configuration before replacement.

3 86497-01-02-02-00 installation planning: Defines isolation, ESD, mounting, connection and parameter checks before field work.

4 86497-01-02-02-00 commissioning: Supports controlled diagnostic, channel, communication or process-response checks after installation.

Frequently asked questions

What is 86497-01-02-02-00?	86497-01-02-02-00 is a aeroderivative acceleration/velocity interface module.
Which system uses 86497-01-02-02-00?	Use 86497-01-02-02-00 only in the manufacturer system and hardware arrangement stated in the technical parameters and installation notice on this page.
How do engineers confirm 86497-01-02-02-00 compatibility?	Match the complete 86497-01-02-02-00 label, hardware revision, host platform, companion hardware, connector and project configuration before replacement.
What should be checked before installing 86497-01-02-02-00?	Isolate energy, verify wiring and connector orientation, protect the hardware from ESD and compare every field connection with the approved drawing for 86497-01-02-02-00.
What commissioning test is required for 86497-01-02-02-00?	Restore power in a controlled sequence and verify status, diagnostics, channel or output response, alarms and the intended process function of 86497-01-02-02-00.
How should a technician troubleshoot 86497-01-02-02-00?	Record indicators, diagnostics, field measurements, configuration, companion hardware and the operating event before deciding whether 86497-01-02-02-00 is faulty.

Official Baker Hughes / Bently Nevada sources

3500/44M Aeroderivative GT Vibration Monitor Datasheet	https://dam.bakerhughes.com/m/17c704b330d8188d/original/3500-44M-Aeroderivative-GT-Vibration-Monitor-Datasheet-143441-pdf.pdf
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