Bently Nevada 80173-110-01

Complete Product Information

The board must be replaced by exact assembly number while retaining its original slot, connector orientation and surrounding system configuration.

WHAT THIS PRODUCT DOES

Bently Nevada 80173-110-01 is a circuit-board assembly identified for service in a compatible legacy machinery-monitoring installation.

Product characteristic 1

Provides an internal electronic assembly for a legacy monitor.

Product characteristic 2

Uses the installed connectors and system wiring as its interface.

Product characteristic 3

Requires exact preservation of jumper and revision details.

Product characteristic 4

Must be handled and tested under ESD-controlled conditions.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Component class	Circuit-board assembly
System context	Legacy machinery-monitoring hardware
Installation role	Internal replaceable electronic assembly
Interface boundary	Existing edge connectors and harnesses

IMPORTANT NOTICE Record the installed 80173-110-01 interfaces and configuration before removal, then prove the monitored value, status and alarm path after installation.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Component class	Circuit-board assembly
System context	Legacy machinery-monitoring hardware
Installation role	Internal replaceable electronic assembly
Interface boundary	Existing edge connectors and harnesses
Configuration control	Installed jumpers, links and board revision
Handling requirement	Electrostatic-discharge controlled work
Inspection focus	Connector plating, contamination and heat damage
Acceptance method	Power-up diagnostics and end-to-end channel test

FEATURE INTERPRETATION

Product identity

Provides an internal electronic assembly for a legacy monitor.

System role

Uses the installed connectors and system wiring as its interface.

Service context

Requires exact preservation of jumper and revision details.

Return-to-service focus

Must be handled and tested under ESD-controlled conditions.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

Use 80173-110-01 only in the documented monitoring chain and verify the complete signal path after controlled replacement.

PRODUCT-PAGE TECHNICAL QUESTIONS

What component class belongs to Bently Nevada 80173-110-01?	The documented component class is Circuit-board assembly; confirm it against the installed record.
Why verify system context for Bently Nevada 80173-110-01?	The documented system context is Legacy machinery-monitoring hardware; confirm it against the installed record.
Where is installation role used by Bently Nevada 80173-110-01?	The documented installation role is Internal replaceable electronic assembly; confirm it against the installed record.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Legacy board repair Replaces the exact internal assembly.	**Rack restoration** Returns a failed electronic position to service.
Preventive inspection Addresses connector or heat-related degradation.	**Functional verification** Confirms the affected monitoring path after repair.

APPLICATION VERIFICATION MAP

Legacy board repair	Confirm the documented system position and the required operating function.
Rack restoration	Compare the restored connection or control path with the approved record.
Preventive inspection	Check the physical interface and the retained configuration before startup.
Functional verification	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	**Connection record** Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	**Acceptance record** Observed status, response and release decision.

IMPORTANT NOTICE	Use the complete product identifier for every application review; a related product link does not establish interchangeability.

APPLICATION QUESTIONS

Where is installation role used by Bently Nevada 80173-110-01?	The documented installation role is Internal replaceable electronic assembly; confirm it against the installed record.
What controls interface boundary on Bently Nevada 80173-110-01?	The documented interface boundary is Existing edge connectors and harnesses; confirm it against the installed record.
How is configuration control tested on Bently Nevada 80173-110-01?	The documented configuration control is Installed jumpers, links and board revision; confirm it against the installed record.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm the complete 80173-110-01 marking and the documented circuit board assembly position.
02	Place the affected machine protection channel in the approved maintenance state.
03	Record the installed component class, system context and installation role before removal.
04	De-energize the associated monitor, sensor supply or field circuit as the procedure requires.
05	Label every connector, conductor and shield before separation.
06	Inspect mating contacts, mounting hardware and cable condition before installation.
07	Restore the retained configuration and verify signal polarity and proportional response.
08	Function-test the complete alarm, indication and shutdown path before returning the machine to service.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What component class belongs to Bently Nevada 80173-110-01?	The documented component class is Circuit-board assembly; confirm it against the installed record.
Why verify system context for Bently Nevada 80173-110-01?	The documented system context is Legacy machinery-monitoring hardware; confirm it against the installed record.
Where is installation role used by Bently Nevada 80173-110-01?	The documented installation role is Internal replaceable electronic assembly; confirm it against the installed record.
What controls interface boundary on Bently Nevada 80173-110-01?	The documented interface boundary is Existing edge connectors and harnesses; confirm it against the installed record.

IMPORTANT NOTICE	Confirm the complete 80173-110-01 identity and every mating interface before installation.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, document reference and related models

ADDITIONAL TECHNICAL QUESTIONS

How is configuration control tested on Bently Nevada 80173-110-01?	The documented configuration control is Installed jumpers, links and board revision; confirm it against the installed record.
Which record preserves handling requirement for Bently Nevada 80173-110-01?	The documented handling requirement is Electrostatic-discharge controlled work; confirm it against the installed record.
Which inspection focus applies to Bently Nevada 80173-110-01?	The documented inspection focus is Connector plating, contamination and heat damage; confirm it against the installed record.
How is acceptance method set on Bently Nevada 80173-110-01?	The documented acceptance method is Power-up diagnostics and end-to-end channel test; confirm it against the installed record.

MANUFACTURER DOCUMENT REFERENCE

Manufacturer document	ApterPower product-specific technical reference
Application scope	The values below apply to the identified product and its documented system relationship.
Selection rule	Use the complete ordering string and confirm the installed interfaces before selection.

RELATED MODELS ON APTERPOWER

Bently Nevada 330750-40	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330180-X2-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330850-51-00	Related product reference. Confirm the execution independently for the intended task.

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