Bently Nevada 80173-110-02

Complete Product Information

Its -02 execution must remain separate from nearby 80173 variants so the original connectors, revision and internal function are preserved.

WHAT THIS PRODUCT DOES

Bently Nevada 80173-110-02 is a distinct circuit-board assembly for a compatible legacy machinery-monitoring unit.

Product characteristic 1

Uses the -02 execution of the 80173-110 board family.

Product characteristic 2

Fits an internal legacy monitoring-system position.

Product characteristic 3

Requires exact connector orientation and configuration retention.

Product characteristic 4

Supports full channel and alarm-path verification after installation.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Component class	Circuit-board assembly
Execution	-02 board variant
System context	Legacy machinery-monitoring hardware
Installation role	Internal service assembly

IMPORTANT NOTICE

Record the installed 80173-110-02 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
Execution	-02 board variant
System context	Legacy machinery-monitoring hardware
Installation role	Internal service assembly
Interface boundary	Original connectors and harness routing
Configuration control	Board revision, links and installed settings
Handling requirement	ESD-controlled removal and installation
Acceptance method	Self-test, channel response and alarm-path verification

FEATURE INTERPRETATION

Product identity

Uses the -02 execution of the 80173-110 board family.

System role

Fits an internal legacy monitoring-system position.

Service context

Requires exact connector orientation and configuration retention.

Return-to-service focus

Supports full channel and alarm-path verification after installation.

SIGNAL OR CONTROL PATH

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

Use 80173-110-02 only in the documented monitoring chain and verify the complete signal path after controlled replacement.

PRODUCT-PAGE TECHNICAL QUESTIONS

Why verify component class for Bently Nevada 80173-110-02?	The documented component class is Circuit-board assembly; confirm it against the installed record.
Where is execution used by Bently Nevada 80173-110-02?	The documented execution is -02 board variant; confirm it against the installed record.
What controls system context on Bently Nevada 80173-110-02?	The documented system context is Legacy machinery-monitoring hardware; 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.

Exact-variant replacement

Prevents substitution of a different 80173 board.

Legacy electronics support

Restores the original internal assembly.

Controlled maintenance

Preserves revision and link settings.

System commissioning

Verifies the affected channel and alarm functions.

APPLICATION VERIFICATION MAP

Exact-variant replacement	Confirm the documented system position and the required operating function.
Legacy electronics support	Compare the restored connection or control path with the approved record.
Controlled maintenance	Check the physical interface and the retained configuration before startup.
System commissioning	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

What controls system context on Bently Nevada 80173-110-02?	The documented system context is Legacy machinery-monitoring hardware; confirm it against the installed record.
How is installation role tested on Bently Nevada 80173-110-02?	The documented installation role is Internal service assembly; confirm it against the installed record.
Which record preserves interface boundary for Bently Nevada 80173-110-02?	The documented interface boundary is Original connectors and harness routing; confirm it against the installed record.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm the complete 80173-110-02 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, execution and system context 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

Why verify component class for Bently Nevada 80173-110-02?	The documented component class is Circuit-board assembly; confirm it against the installed record.
Where is execution used by Bently Nevada 80173-110-02?	The documented execution is -02 board variant; confirm it against the installed record.
What controls system context on Bently Nevada 80173-110-02?	The documented system context is Legacy machinery-monitoring hardware; confirm it against the installed record.
How is installation role tested on Bently Nevada 80173-110-02?	The documented installation role is Internal service assembly; confirm it against the installed record.

IMPORTANT NOTICE	Confirm the complete 80173-110-02 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

Which record preserves interface boundary for Bently Nevada 80173-110-02?	The documented interface boundary is Original connectors and harness routing; confirm it against the installed record.
Which configuration control applies to Bently Nevada 80173-110-02?	The documented configuration control is Board revision, links and installed settings; confirm it against the installed record.
How is handling requirement set on Bently Nevada 80173-110-02?	The documented handling requirement is ESD-controlled removal and installation; confirm it against the installed record.
What acceptance method belongs to Bently Nevada 80173-110-02?	The documented acceptance method is Self-test, channel response and alarm-path verification; 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 170180-01-00	Related product reference. Review the complete ordering string before selection.
Bently Nevada 1900/65	Related product reference. Compare the required interface and system position.
Bently Nevada 990-05-50-01-05	Related product reference. Confirm the execution independently for the intended task.

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