Bently Nevada 3300/39-03-00

Complete Product Information

The monitor scales two field variables into channel indications and independent alarm logic within the 3300 rack.

WHAT THIS PRODUCT DOES

Bently Nevada 3300/39-03-00 is a two-channel 3300 process-variable monitor for continuous supervision of conditioned analog process signals.

Product characteristic 1

Monitors two process-variable channels in one rack position.

Product characteristic 2

Scales conditioned analog inputs for local indication.

Product characteristic 3

Provides independent alarm logic for each channel.

Product characteristic 4

Requires restoration of input ranges and setpoints after replacement.

PRODUCT-PAGE TECHNICAL SNAPSHOT

System family	3300 machinery protection
Monitor channels	2
Input role	Conditioned analog process variables
Display function	Channel-level process indication

IMPORTANT NOTICE

Record the installed 3300/39-03-00 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

System family	3300 machinery protection
Monitor channels	2
Input role	Conditioned analog process variables
Display function	Channel-level process indication
Alarm function	Independent configured channel alarms
Rack interface	3300 backplane and rear I/O
Configuration control	Input range, scale and alarm setpoints
Acceptance method	Simulate both input spans and verify alarm outputs

FEATURE INTERPRETATION

Product identity

Monitors two process-variable channels in one rack position.

System role

Scales conditioned analog inputs for local indication.

Service context

Provides independent alarm logic for each channel.

Return-to-service focus

Requires restoration of input ranges and setpoints after replacement.

SIGNAL OR CONTROL PATH

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

Use 3300/39-03-00 only in the documented monitoring chain and verify the complete signal path after controlled replacement.

PRODUCT-PAGE TECHNICAL QUESTIONS

Which system family applies to Bently Nevada 3300/39-03-00?	The documented system family is 3300 machinery protection; confirm it against the installed record.
How is monitor channels set on Bently Nevada 3300/39-03-00?	The documented monitor channels is 2; confirm it against the installed record.
What input role belongs to Bently Nevada 3300/39-03-00?	The documented input role is Conditioned analog process variables; 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.

Pressure supervision Monitors a conditioned pressure signal.	**Temperature conversion** Accepts a transmitter-scaled temperature variable.
Flow or level monitoring Applies alarms to a conditioned process signal.	**Legacy rack renewal** Restores a two-channel process monitor.

APPLICATION VERIFICATION MAP

Pressure supervision	Confirm the documented system position and the required operating function.
Temperature conversion	Compare the restored connection or control path with the approved record.
Flow or level monitoring	Check the physical interface and the retained configuration before startup.
Legacy rack renewal	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 input role belongs to Bently Nevada 3300/39-03-00?	The documented input role is Conditioned analog process variables; confirm it against the installed record.
Why verify display function for Bently Nevada 3300/39-03-00?	The documented display function is Channel-level process indication; confirm it against the installed record.
Where is alarm function used by Bently Nevada 3300/39-03-00?	The documented alarm function is Independent configured channel alarms; confirm it against the installed record.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm the complete 3300/39-03-00 marking and the documented dual-channel process variable monitor position.
02	Place the affected machine protection channel in the approved maintenance state.
03	Record the installed system family, monitor channels and input 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

Which system family applies to Bently Nevada 3300/39-03-00?	The documented system family is 3300 machinery protection; confirm it against the installed record.
How is monitor channels set on Bently Nevada 3300/39-03-00?	The documented monitor channels is 2; confirm it against the installed record.
What input role belongs to Bently Nevada 3300/39-03-00?	The documented input role is Conditioned analog process variables; confirm it against the installed record.
Why verify display function for Bently Nevada 3300/39-03-00?	The documented display function is Channel-level process indication; confirm it against the installed record.

IMPORTANT NOTICE	Confirm the complete 3300/39-03-00 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

Where is alarm function used by Bently Nevada 3300/39-03-00?	The documented alarm function is Independent configured channel alarms; confirm it against the installed record.
What controls rack interface on Bently Nevada 3300/39-03-00?	The documented rack interface is 3300 backplane and rear I/O; confirm it against the installed record.
How is configuration control tested on Bently Nevada 3300/39-03-00?	The documented configuration control is Input range, scale and alarm setpoints; confirm it against the installed record.
Which record preserves acceptance method for Bently Nevada 3300/39-03-00?	The documented acceptance method is Simulate both input spans and verify alarm outputs; 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 330400-01-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330505-02-02-02	Related product reference. Compare the required interface and system position.
Bently Nevada 3300/03	Related product reference. Confirm the execution independently for the intended task.

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