Bently Nevada 990-08-XX-01-00

Bently Nevada 990-08-XX-01-00 is retained as a standalone 990 vibration transmitter identifier with an 0-8 mil peak-to-peak full-scale field, DIN-rail mounting and no approval option. The XX system-length field remains unresolved.

IMPORTANT NOTICE	Only directly supported technical values are included. Unresolved ordering codes are preserved without interpretation.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	990 Vibration Transmitter Datasheet 141612 Rev. Y
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Converts vibration amplitude to a proportional 4–20 mA loop signal.
- Uses a compatible 3300 NSv probe and extension cable.
- Provides PROX OUT diagnostics plus zero and span adjustment.
- Remains separate from all MOD-coded 990 records.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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Readiness gate

Identity Compare the complete label with the work order and installed record.	**System match** Confirm mating components, channel type and configuration.
Condition Inspect connectors, terminals, mounting surfaces and cable condition.	**Controls** Apply authorized isolation and machinery-protection bypass controls.

Technical profile

Transmitter family	990 Vibration Transmitter
Input	One compatible 3300 NSv proximity probe and extension cable
Power and signal	Two-wire loop powered, 4–20 mA output
Full-scale option	0–8 mil peak-to-peak
Mounting	35 mm DIN-rail clips
Approval option	Not required

Manufacturer evidence

141612 Rev. Y: two-wire 4-20 mA function, NSv input, 08 full-scale option, 01 DIN mounting and 00 approval field; XX is retained unresolved.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

Installation sequence

01 Create and maintain 990-08-XX-01-00 as its own exact record; do not merge it with a MOD variant.	**02** Verify the physical label and order record for the unresolved XX field.
03 Use only a compatible 3300 NSv probe and extension-cable chain.	**04** Confirm loop polarity and available supply before energizing.
05 Keep the PROX OUT connector isolated from grounded test equipment unless the documented adapter is used.	**06** Set zero and span under an approved calibration procedure.

Connection record

As found	Photograph and label each connection before removal.
Mechanical	Confirm correct mounting, support and connector engagement.
Electrical	Verify polarity, common, shield and channel assignment.
Configuration	Restore the approved settings for this exact position.

IMPORTANT NOTICE	Never use a nearby model, MOD execution or unresolved suffix as an automatic replacement.

Site record

Work order	Record reference and authorized scope.
Installed position	Record machine, channel or rack location.
As-found status	Record signal, alarm or channel condition.
Technician review	Record independent verification before energizing.

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Commissioning checks

Power-up Observe initial status and confirm no unexpected fault or alarm.	**Static check** Verify the expected bias, gap, loop or channel value.
Dynamic check Apply the approved machine or test response and confirm scaling.	**Protection check** Verify configured alarm, relay or receiving-system behavior.

Final precautions

- Use TEST input only as described for the 990 family.
- Verify 4–20 mA scaling, Not OK behavior and receiving-system response before release.

Application confirmation

OEM machinery monitoring Transmit overall vibration to a compressor, pump, motor or fan control system.	**PLC or DCS input** Provide a proportional 4–20 mA vibration signal.
Local diagnostics Access the dynamic proximity signal through the documented diagnostic output.	**Compact installations** Use the NSv probe family where clearance is limited.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
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Acceptance checklist

Exact identity	Label matches the authorized product record.
Mating system	All required components and configuration agree.
Physical condition	Mounting, routing, connectors and terminals are secure.
Signal quality	Static and dynamic readings meet the approved expectation.
Protection state	Bypasses are removed and alarms or relays are restored.
Documentation	Results, changes and unresolved items are recorded.

Technical FAQ

What type of device is Bently Nevada 990-08-XX-01-00?
It is a two-wire loop-powered 990 vibration transmitter.

What full-scale option is selected on Bently Nevada 990-08-XX-01-00?
Code 08 selects 0–8 mil peak-to-peak vibration.

Which mounting option is used by Bently Nevada 990-08-XX-01-00?
Code 01 selects 35 mm DIN-rail clips.

Which transducer family is used with Bently Nevada 990-08-XX-01-00?
Use a compatible 3300 NSv probe and extension cable.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
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IMPORTANT NOTICE Release the equipment only after the site acceptance authority approves the recorded result.

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