# 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. |
|---|---|

## Product capabilities

**Feature 1**
Converts vibration amplitude to a proportional 4–20 mA loop signal.

**Feature 2**
Uses a compatible 3300 NSv probe and extension cable.

**Feature 3**
Provides PROX OUT diagnostics plus zero and span adjustment.

**Feature 4**
Remains separate from all MOD-coded 990 records.

## Evidence scope

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. |

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## Manufacturer-supported technical data

| | |
|---|---|
| **Transmitter family**<br>990 Vibration Transmitter | **Input**<br>One compatible 3300 NSv proximity probe and extension cable |
| **Power and signal**<br>Two-wire loop powered, 4–20 mA output | **Full-scale option**<br>0–8 mil peak-to-peak |
| **Mounting**<br>35 mm DIN-rail clips | **Approval option**<br>Not required |
| **Diagnostic access**<br>PROX OUT and COM terminals plus coaxial connector | **Adjustment**<br>Independent zero and span controls |
| **Test function**<br>TEST input terminal | **Unresolved system-length field**<br>XX retained; published table lists 50 or 70 |

**IMPORTANT NOTICE** Use each value only for the component or complete system stated in the applicable manufacturer source.

## System boundary

The vibration transmitter is applied only within the documented system boundary. Confirm the exact installed chain, interface condition and controlled configuration before returning the channel to service.

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## Common applications

**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.

## Commissioning path

**1 / Identify**
Record the complete label and installed context.

**2 / Match**
Confirm the intended probe, cable, module or monitor chain.

**3 / Connect**
Follow the controlled wiring and mounting procedure.

**4 / Accept**
Verify status, signal response and configured protection behavior.

## Application boundary

Application examples describe typical use of the documented product family. Final channel type, target, mounting, loop scaling and protection logic remain machine-specific.

## Related models

| | |
|---|---|
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## Product precautions

**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.

**07**
Use TEST input only as described for the 990 family.

**08**
Verify 4–20 mA scaling, Not OK behavior and receiving-system response before release.

| IMPORTANT NOTICE | Do not energize, bypass protection or return a channel to service until the applicable site authorization and functional acceptance are complete. |
|---|---|

## Release record

| | |
|---|---|
| **Identity** | Complete label and installed position recorded |
| **Configuration** | Controlled settings restored and reviewed |
| **Signal path** | Connections, shielding and connector condition checked |
| **Functional result** | Expected status and response documented |

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# Bently Nevada 990-08-XX-01-00



## Technical questions

**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.

**What does XX mean on Bently Nevada 990-08-XX-01-00?**
No meaning is assigned; the published system-length table lists 50 or 70, so XX remains unresolved.

**Does Bently Nevada 990-08-XX-01-00 select an approval option?**
No. The final 00 means approval is not required.

## Manufacturer reference

990 Vibration Transmitter Datasheet 141612 Rev. Y

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.

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