01 INSTALLATION & COMMISSIONING

Bently Nevada 991-01-XX-01-CN

01 / PLAN THE WORK

Bently Nevada 991-01-XX-01-CN is preserved as an exact 991-series two-wire thrust transmitter identifier. The 991 family converts axial-displacement input from a compatible 3300 NSv transducer chain to a 4–20 mA loop signal; the undocumented 01, XX and CN fields remain undecoded.

Work boundary

Signal role	Installed context	Acceptance
Configured measurement or control path	Mating component or rack position	Machine-specific functional check

01 Record the as-found configuration

Capture the installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

Readiness focus

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source

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 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

141618 Rev. Y: shared 991 family function, 3300 NSv input, 4-20 mA output, diagnostics and documented ordering fields. Unsupported fields are retained, not decoded.

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 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
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03 / INSTALL AND CONNECT

04 / Installation check

Treat 991-01-XX-01-CN as a standalone exact identifier and do not merge it with a MOD-coded backend item.

05 / Installation check

Verify the physical label and order record for the unresolved 01, XX and CN fields.

06 / Installation check

Use only a compatible 3300 NSv probe and extension-cable chain.

07 / Installation check

Confirm loop polarity and available supply before energizing the transmitter.

08 / Installation check

Keep the diagnostic connector capped and clean when it is not in use.

Documented data to respect

Measurement	Axial displacement / thrust position
Loop type	Two-wire, loop powered
Output	4–20 mA proportional signal
Compatible transducer family	3300 NSv probe and extension cable
Local diagnostics	PROX OUT and COM terminals; coaxial diagnostic connector
Adjustments	Zero and span potentiometers

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

Only the shared 991 family function and the documented DIN-rail mounting field are applied. The exact unresolved fields must be checked against the physical label and supplied order record before the transmitter is accepted as a replacement.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

What does the mounting code 01 mean on Bently Nevada 991-01-XX-01-CN?

The documented 01 mounting code selects DIN-rail clips.

Can XX be assigned a cable length on Bently Nevada 991-01-XX-01-CN?

No. The exact XX field is preserved because the official table lists only 50 or 70 for system length.

Can the first 01 be decoded as a published range on Bently Nevada 991-01-XX-01-CN?

No. The official 991 ordering table lists 06 and 25 for the range field, so 01 remains 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 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.

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05 / HANDOVER

What does CN mean on Bently Nevada 991-01-XX-01-CN?

The selected official ordering table does not define CN, so it remains part of the exact identifier without an assigned approval meaning.

How is Bently Nevada 991-01-XX-01-CN accepted after installation?

Verify the exact label, matched NSv chain, loop supply, 4–20 mA scaling and axial direction.

Handover record

Installed point	Rack, channel or measurement location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

Related models

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Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.

Manufacturer evidence

141618 Rev. Y: shared 991 family function, 3300 NSv input, 4-20 mA output, diagnostics and documented ordering fields. Unsupported fields are retained, not decoded.

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