INSTALLATION & COMMISSIONING

Bently Nevada 990-16-XX-01-CN 106M1675-01

01 / PLAN AND IDENTIFY

Bently Nevada 990-16-XX-01-CN 106M1675-01 is a supplied special-identifier 990 two-wire vibration-transmitter execution. The 990 family converts a matched 3300 NSv proximity signal to a proportional 4-20 mA loop output; 16, XX, CN and 106M1675-01 remain unexpanded where the standard ordering table is silent.

Identity gate

Exact Identifier	990-16-XX-01-CN 106M1675-01
Family	990 two-wire vibration transmitter
Standard Mount Field	01 retained in the supplied code
Special Fields	16, XX, CN and 106M1675-01 retained

Work boundary

Exact item	Installed context	Acceptance
990-16-XX-01-CN 106M1675-01	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

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

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	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

Identity	Full model and nameplate 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

141612 Rev. Y: family function and interfaces pp. 1-2; electrical and loop data p. 3; environment p. 4; standard ordering table p. 7. The special 16, XX, CN and 106M1675-01 fields are not decoded.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	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.
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03 / INSTALL AND CONNECT

04 / Installation check

Verify the complete 990-16-XX-01-CN 106M1675-01 identity before replacement.

05 / Installation check

Do not assign a standard full-scale value to code 16 without the special record.

06 / Installation check

Do not select a system length for XX by analogy with 50 or 70.

07 / Installation check

Keep the matched NSv probe and extension cable together with the transmitter.

08 / Installation check

Verify loop supply and total resistance before energizing.

Documented data to respect

Product Family	990 vibration transmitter
Transducer Input	One matched 3300 NSv probe and extension cable
Conditioning	Integrated Proximitor circuitry
Process Output	4-20 mA two-wire loop
Supply at Transmitter	+12 to +35 VDC
Loop Accuracy	Within +/-1.5% of full scale under stated test conditions

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The loop output, diagnostic signal and matched 3300 NSv chain must be checked together. Standard 990 family limits are used only as family reference; the special range, length and approval fields require their controlled record.

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

Identity	Full model and nameplate 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 code 16 mean on Bently Nevada 990-16-XX-01-CN 106M1675-01?

The standard supplied ordering table does not list 16, so no full-scale value is assigned here.

What does XX mean on Bently Nevada 990-16-XX-01-CN 106M1675-01?

The system-length field remains unresolved and must be checked against the special item record.

What does CN mean on Bently Nevada 990-16-XX-01-CN 106M1675-01?

The suffix is preserved exactly; its approval meaning is not inferred from a nearby standard code.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.

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05 / HANDOVER

What is 106M1675-01 on Bently Nevada 990-16-XX-01-CN 106M1675-01?

It is retained as part of the supplied identity, without an unsupported function or modification claim.

What confirms commissioning of Bently Nevada 990-16-XX-01-CN 106M1675-01?

Confirm the exact transducer chain, loop supply, 4-20 mA scaling, Not OK response and diagnostic signal.

Handover record

Identity	Exact model and installed 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

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	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.

Manufacturer evidence

141612 Rev. Y: family function and interfaces pp. 1-2; electrical and loop data p. 3; environment p. 4; standard ordering table p. 7. The special 16, XX, CN and 106M1675-01 fields are not decoded.

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