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.

## Exact identity

| | |
|---|---|
| **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 |

## Installed context

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

## Pump and fan monitoring

Send a continuous vibration value to a PLC or DCS analog input.

## Compact machine panels

Use the integrated conditioning where a rack monitor is not part of the design.

## Compressor auxiliaries

Trend shaft vibration through a matched NSv transducer chain.

## Loop diagnostics

Use the PROX OUT connection for qualified setup and troubleshooting.

## 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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## Manufacturer-supported characteristics

| | |
|---|---|
| **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 |

## Additional data

| | |
|---|---|
| **Maximum Loop Resistance** | 1000 ohm including cable at 35 VDC |
| **Current Limiting** | 23 mA typical |
| **Not OK Output** | Below 3.6 mA after a Not OK condition |
| **Diagnostic Output** | Non-isolated PROX OUT / COM and coaxial connector |
| **Frequency Range** | 5 to 6000 Hz for the matched transducer system |
| **Special Fields** | 16, XX, CN and 106M1675-01 retained; meanings not decoded |

## Interpretation boundary

Use the standard 990 data only as family reference; do not assign range, electrical length or approval meaning to unresolved special fields.

## Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

## 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. |
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## 01 / Field precaution

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

## 02 / Field precaution

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

## 03 / Field precaution

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

## 04 / Field precaution

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

## 05 / Field precaution

Verify loop supply and total resistance before energizing.

## 06 / Field precaution

Use isolated test equipment or the approved adapter at PROX OUT.

## 07 / Field precaution

Treat CN and 106M1675-01 as controlled identifiers until decoded.

## 08 / Field precaution

Verify loop current, Not OK behavior, PROX OUT signal and receiving-channel scaling before release.

## Acceptance checkpoints

| | |
|---|---|
| **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 |

## 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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## What product family is Bently Nevada 990-16-XX-01-CN 106M1675-01?

It is a special-identifier member of the 990 two-wire vibration-transmitter family.

## What output does Bently Nevada 990-16-XX-01-CN 106M1675-01 provide?

The 990 family provides a 4-20 mA two-wire output proportional to configured vibration full scale.

## Which sensor chain is used by Bently Nevada 990-16-XX-01-CN 106M1675-01?

The transmitter uses one matched 3300 NSv probe and extension-cable system.

## 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.

## 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.

## 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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990-16-XX-01-CN 106M1675-01

## Evidence record

| | |
|---|---|
| **Manufacturer** | Bently Nevada, a Baker Hughes company |
| **Reference** | 990 Vibration Transmitter Datasheet 141612 Rev. Y |
| **Exact identifier** | 990-16-XX-01-CN 106M1675-01 |
| **Evidence boundary** | Only directly supported family and ordering statements are used |

## 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. |

## Recommendation rule

Brand + model links identify related product pages. They do not claim compatibility or substitution.

## Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

## 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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