

Installation Identity and Scope

Bently Nevada 990-08-XX-01-00 MOD:165353-01 is a loop-powered 990 vibration transmitter that converts a compatible NSv proximity input to a proportional 4 to 20 mA signal. It retains the supplied XX and MOD identity for controlled matching.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	990-08-XX-01-00 MOD:165353-01
Manufacturer	Bently Nevada
Hardware type	990 Vibration Transmitter
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141612 Rev. Y

CONTROLLED ENGINEERING COPY

Publication 141612 defines the 990 family, 0 to 8 mil peak-to-peak range, DIN mounting and no-approval options but does not decode XX or MOD 165353-01. Preserve the full nameplate and verify the installed NSv probe chain before substitution.

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990-08-XX-01-00 MOD:16535...

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 990-08-XX-01-00 MOD:165353-01 marking.
2	Resolve the XX block from the physical nameplate.
3	Retain MOD 165353-01 without interpretation.
4	Use only a compatible NSv probe system.
5	Confirm loop polarity before energizing.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	990-08-XX-01-00 MOD:165353-01
Physical interface	Exact Bently Nevada 990-08-XX-01-00 MOD:165353-01 nameplate and installed revision
Companion check	Documented 990 Vibration Transmitter system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-00-00-00-000-00-00	View Bently Nevada 31000-00-00-00-000-00-00
Bently Nevada 31000-00-00-15-023-01-02	View Bently Nevada 31000-00-00-15-023-01-02
Bently Nevada 31000-00-00-15-035-01-02	View Bently Nevada 31000-00-00-15-035-01-02
Bently Nevada 31000-00-00-15-039-01-02	View Bently Nevada 31000-00-00-15-039-01-02
Bently Nevada 31000-00-00-15-047-01-02	View Bently Nevada 31000-00-00-15-047-01-02

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 990-08-XX-01-00 MOD:165353-01 and the installed revision exactly.
Complete model	Verify the documented value: 990-08-XX-01-00 MOD:165353-01.
Transmitter family	Verify the documented value: 990 vibration transmitter.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete 990 Vibration Transmitter function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Publication 141612 defines the 990 family, 0 to 8 mil peak-to-peak range, DIN mounting and no-approval options but does not decode XX or MOD 165353-01. Preserve the full nameplate and verify the installed NSv probe chain before substitution.

Expected Technical Values

PARAMETER	VALUE
Complete model	990-08-XX-01-00 MOD:165353-01
Transmitter family	990 vibration transmitter
Input	Compatible NSv proximity transducer system
Primary output	4 to 20 mA proportional vibration signal

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-00-00-15-050-02-02	View Bently Nevada 31000-00-00-15-050-02-02
Bently Nevada 31000-00-00-15-051-01-02	View Bently Nevada 31000-00-00-15-051-01-02

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 990-08-XX-01-00 MOD:165353-01 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 990-08-XX-01-00 MOD:165353-01?	It is a two-wire, loop-powered 990 vibration transmitter with an integrated NSv Proximitor interface.
Which vibration range applies to Bently Nevada 990-08-XX-01-00 MOD:165353-01?	The first order block identifies the published 0 to 8 mil peak-to-peak proportional vibration range.
How should XX be handled for Bently Nevada 990-08-XX-01-00 MOD:165353-01?	Retain XX exactly and resolve the associated system configuration from the physical nameplate and controlled order record.
Which mounting option applies to Bently Nevada 990-08-XX-01-00 MOD:165353-01?	Option 01 specifies DIN-rail mounting clips.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-16-05-00-065-03-02	View Bently Nevada 31000-16-05-00-065-03-02
Bently Nevada 31000-16-05-00-070-03-02	View Bently Nevada 31000-16-05-00-070-03-02
Bently Nevada 31000-16-05-00-071-03-02	View Bently Nevada 31000-16-05-00-071-03-02
Bently Nevada 31000-16-10-00-050-03-02	View Bently Nevada 31000-16-10-00-050-03-02
Bently Nevada 31000-26-05-00-040-01-02	View Bently Nevada 31000-26-05-00-040-01-02

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which approval option applies to Bently Nevada 990-08-XX-01-00 MOD:165353-01?	The final 00 block specifies that agency approval is not required in the standard ordering table.
What output does Bently Nevada 990-08-XX-01-00 MOD:165353-01 provide?	It provides a proportional 4 to 20 mA vibration signal plus dynamic PROX OUT and COM terminals.
How should the MOD identity on Bently Nevada 990-08-XX-01-00 MOD:165353-01 be handled?	MOD 165353-01 is not decoded in publication 141612 and must remain a controlled nameplate identity.
What confirms commissioning of Bently Nevada 990-08-XX-01-00 MOD:165353-01?	Verify the complete marking, loop power, NSv input, zero and span, dynamic output, signal-defeat behavior and final monitor response.

MANUFACTURER SOURCE RECORDS

Bently Nevada 990 Vibration Transmitter Datasheet - Baker Hughes / Bently Nevada publication 141612 Rev. Y

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	990-08-XX-01-00 MOD:165353-01 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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