

990-08-XX-01-00 MOD:165353-01

990 Vibration Transmitter

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.

BRAND	Bently Nevada	MODEL	990-08-XX-01-00 MOD:165353-01
PRODUCT	990 Vibration Transmitter	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 990 Vibration Transmitter Datasheet	RECORD	Baker Hughes / Bently Nevada publication 141612 Rev. Y

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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

Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

Two-wire loop-powered transmitter

FUNCTION 2

Proportional 4 to 20 mA output

FUNCTION 3

Dynamic PROX OUT connection

FUNCTION 4

DIN-rail mounting option

APPLICATION	ENGINEERING CONTEXT
Machine vibration trending	Provides a proportional vibration signal to a control or monitoring system.
Compact protection loops	Uses an integrated NSv Proximitor interface in a field transmitter.
Dynamic diagnostics	Provides a buffered dynamic signal for controlled diagnostic use.
Legacy loop replacement	Preserves the documented 990 range, mounting and custom identity.

Technical Data and Acceptance

PARAMETER	VERIFIED 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
Dynamic output	PROX OUT and COM terminals
Published range option	0 to 8 mil peak-to-peak
System block	XX retained; resolve from supplied marking
Mounting option	01 = DIN-rail clips
Approval option	00 = agency approval not required
MOD identity	165353-01; not decoded in publication 141612
Loop power	17 to 35 Vdc
Configuration controls	Zero, span and test input

Acceptance Path

1 IDENTITY

The complete 990-08-XX-01-00 MOD:165353-01 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 990-08-XX-01-00 MOD:165353-01 marking.	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 Proximitior interface.
2	Resolve the XX block from the physical nameplate.		
3	Retain MOD 165353-01 without interpretation.	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.
4	Use only a compatible NSv probe system.		
5	Confirm loop polarity before energizing.	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.
6	Set zero and span only with the approved procedure.		
7	Check PROX OUT and COM wiring before diagnostics.	Which mounting option applies to Bently Nevada 990-08-XX-01-00 MOD:165353-01?	Option 01 specifies DIN-rail mounting clips.
8	Verify 4 to 20 mA scaling and signal-defeat behavior before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-26-05-20-041-01-02	View Bently Nevada 31000-26-05-20-041-01-02
Bently Nevada 31000-28-05-00-059-02-02	View Bently Nevada 31000-28-05-00-059-02-02
Bently Nevada 31000-28-05-00-061-01-02	View Bently Nevada 31000-28-05-00-061-01-02
Bently Nevada 31000-28-05-15-032-03-02	View Bently Nevada 31000-28-05-15-032-03-02
Bently Nevada 31000-28-05-40-040-02-02	View Bently Nevada 31000-28-05-40-040-02-02
Bently Nevada 31000-30-05-15-049-01-02	View Bently Nevada 31000-30-05-15-049-01-02

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 31000-31-05-20-058-00-02	View Bently Nevada 31000-31-05-20-058-00-02
Bently Nevada 31000-31-05-20-080-00-02	View Bently Nevada 31000-31-05-20-080-00-02
Bently Nevada 32000-16-05-04-135-03-02	View Bently Nevada 32000-16-05-04-135-03-02
Bently Nevada 32000-28-05-00-070-03-02	View Bently Nevada 32000-28-05-00-070-03-02
Bently Nevada 32000-28-05-00-120-03-02	View Bently Nevada 32000-28-05-00-120-03-02
Bently Nevada 32000-28-05-05-060-00-02	View Bently Nevada 32000-28-05-05-060-00-02

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