

990-04-XX-01-00 MOD:147202-01

990 Vibration Transmitter

Bently Nevada 990-04-XX-01-00 MOD:147202-01 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	990-04-XX-01-00 MOD:147202-01
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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990-04-XX-01-00 MOD:14720...

Product Overview and Applications

SYSTEM FUNCTION

Bently Nevada 990-04-XX-01-00 MOD:147202-01 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	990-04-XX-01-00 MOD:147202-01
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 4 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	147202-01; not decoded in publication 141612
Loop power	17 to 35 Vdc
Configuration controls	Zero, span and test input

Acceptance Path

1 IDENTITY

The complete 990-04-XX-01-00 MOD:147202-01 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 990-04-XX-01-00 MOD:147202-01 marking.	What is Bently Nevada 990-04-XX-01-00 MOD:147202-01?	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 147202-01 without interpretation.	Which vibration range applies to Bently Nevada 990-04-XX-01-00 MOD:147202-01?	The first order block identifies the published 0 to 4 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 990-04-XX-01-00 MOD:147202-01?	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 990-04-XX-01-00 MOD:147202-01?	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 21508-02-12-10-02	View Bently Nevada 21508-02-12-10-02
Bently Nevada PWA123447-01	View Bently Nevada PWA123447-01
Bently Nevada 21747-00-20-10-02	View Bently Nevada 21747-00-20-10-02
Bently Nevada 21747-040-00	View Bently Nevada 21747-040-00
Bently Nevada 21747-065-01	View Bently Nevada 21747-065-01
Bently Nevada 21747-075-01	View Bently Nevada 21747-075-01

FAQ, Related Products and Sources

QUESTION	ANSWER
Which approval option applies to Bently Nevada 990-04-XX-01-00 MOD:147202-01?	The final 00 block specifies that agency approval is not required in the standard ordering table.
What output does Bently Nevada 990-04-XX-01-00 MOD:147202-01 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 990-04-XX-01-00 MOD:147202-01 be handled?	MOD 147202-01 is not decoded in publication 141612 and must remain a controlled nameplate identity.
What confirms commissioning of Bently Nevada 990-04-XX-01-00 MOD:147202-01?	Verify the complete marking, loop power, NSv input, zero and span, dynamic output, signal-defeat behavior and final monitor response.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21747-080-00	View Bently Nevada 21747-080-00
Bently Nevada 21747-080-01	View Bently Nevada 21747-080-01
Bently Nevada 22810-00-10-10-02	View Bently Nevada 22810-00-10-10-02
Bently Nevada 22810-00-14-10-02	View Bently Nevada 22810-00-14-10-02
Bently Nevada 22811-00-04-10-02	View Bently Nevada 22811-00-04-10-02
Bently Nevada 22811-01-06-10-02	View Bently Nevada 22811-01-06-10-02

MANUFACTURER SOURCE RECORDS

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

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