

# Bently Nevada 990-05-XX-03-05 147202-01

Complete Product Information / 990 transmitter

## Article role

A 990 two-wire vibration transmitter for a documented machinery-monitoring installation.

## Selected span

The base order code selects 0 to 5 mil peak-to-peak.

## Selected length

The cable option is XX. Do not assign a physical length until nameplate or order evidence resolves it.

## Mounting

The 03 position selects DIN rail and bulkhead screw.

## Approval

The 05 position selects multi-agency approval option.

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WHATSAPP / PHONE +86 180 3023 5313

EMAIL [sales13@apterpower.com](mailto:sales13@apterpower.com)

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990-05-XX-03-05 147202-01

## How the measurement chain fits

Use system records for final configuration

### Sensing tip

The installed NSv proximity probe observes target motion and static gap.

### Extension

The extension path must match the selected transducer system length and route.

### Transmitter

The 990 converts the matched proximity signal to a two-wire 4-20 mA output.

### Receiving input

The monitoring system interprets the loop according to the approved channel configuration.

### Boundary

Target material, probe condition and site setup influence the installed result.

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## Operating values

Family values are not a substitute for the exact loop drawing

### Supply

+12 to +35 V DC family supply range.

### Loop output

4-20 mA; keep site scaling and alarm settings tied to the installed channel.

### NOT OK

The family low-current status is below 3.6 mA under the documented condition.

### Gap

The documented nominal probe gap region is 0.5 to 1.75 mm; verify installed target conditions.

### PROX OUT

Non-isolated signal output; inspect the connected instrument interface.

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990-05-XX-03-05 147202-01

# Ordering and selection boundaries

Read the full article identity

## Known positions

Range 05, mount 03, approval 05.

## Unresolved length position

The cable option is XX. Do not assign a physical length until nameplate or order evidence resolves it.

## Special-suffix boundary

The additional suffix is retained as part of the full article identity; its function is not assigned from the base datasheet.

## Related products

Links below aid navigation only. A nearby article is not automatically a compatible spare.

Manufacturer evidence: Baker Hughes / Bently Nevada, 990 Vibration Transmitter Datasheet 141612 Rev. Y, ordering information and specifications.

## Related Apter Power product pages / navigation only

Bently Nevada 990-04-XX-02-05 MOD:167577-05

Bently Nevada 990-04-50-01-00

Bently Nevada 990-04-70-03-00

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WEBSITE www.apterpower.com



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