

Bently Nevada 990-05-70-02-01

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 70 ordering position selects the documented 7 m system-length option.

Mounting

The 02 position selects bulkhead screw.

Approval

The 01 position selects CSA Division 2 option.

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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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Ordering and selection boundaries

Read the full article identity

Known positions

Range 05, mount 02, approval 01.

Selected length position

The 70 ordering position selects the documented 7 m system-length option.

Full-code boundary

Keep every option position tied to this complete order code.

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 990-04-70-01-00

Bently Nevada 990-05-70-03-05

Bently Nevada 990-08-XX-01-00 MOD:283278-01

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