

990-05-70-02-01

Technical Reference / exact article and documented 990 family

Article identity

Bently Nevada 990-05-70-02-01 is a 990 two-wire vibration transmitter selection; retain the complete marking, including any extra suffix.

Measurement range

Ordering position 05 designates 0 to 5 mil peak-to-peak vibration span in the 990 catalogue.

System length

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

Mounting selection

Ordering position 02 designates bulkhead screw mounting.

Approval selection

Ordering position 01 designates CSA Division 2 option.

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990 electrical interface

Family specifications; verify the installed loop

Output

The 990 is a two-wire 4-20 mA vibration transmitter. Loop health includes a NOT OK current below 3.6 mA under the datasheet condition.

Power

The family operating supply is +12 to +35 V DC, with loop load and barrier selection checked against the full datasheet.

Sensor connection

Use the documented NSv probe-and-extension chain for the selected 990 execution; do not assume another probe family fits.

PROX OUT

The separate proximity output is non-isolated; verify the receiving instrument and site wiring record.

System boundary

Probe, extension, transmitter, target and monitor configuration form the installed measurement chain.

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Selection and interpretation

Keep options and application values separate

Range selection

The 05 range code applies to this ordered 990 base. It is not an inferred alarm or trip setpoint.

Cable option

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

Mount and approval

This identity carries bulkhead screw mounting and CSA Division 2 option; a neighboring suffix is a distinct article.

Full-code boundary

Keep every option position tied to this complete order code.

Commissioning

Use the installed target and channel acceptance record when interpreting vibration and NOT OK behavior.

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Evidence and related pages

Manufacturer data is separate from catalogue navigation

Source record

Datasheet 141612 Rev. Y covers 990 ordering positions and family electrical ratings.

Exactness

A shared 990-family source does not define an unresolved XX option or an unverified MOD function.

Related navigation

The linked Apter Power pages below are catalogue references, not interchangeability approvals.

Release test

Confirm physical marking, wiring, static gap, 4-20 mA behavior and documented acceptance evidence.

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 990-05-50-01-05](#)

[Bently Nevada 990-05-70-03-05](#)

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