

Controlled installation

Hold points for the exact ordered transmitter

1 01 / Identify

Check the complete 990-05-70-02-05 marking against the purchase and installed-machine records.

2 02 / Secure

Place the affected machine, protection channel and loop in the approved maintenance state.

3 03 / Record

Capture probe, extension, transmitter mounting, terminals, shield and loop assignments before removal.

4 04 / Fit

Restore the documented bulkhead screw installation and inspect the NSv sensing chain.

5 05 / Prove

Commission with controlled loop and shaft-motion checks, then retain as-left evidence.

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990-05-70-02-05

Pre-installation checks

Do not infer unknown options

1 Identity gate

Keep range 05, length 70, mount 02 and approval 05 in their distinct positions.

2 Cable gate

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

3 Power gate

Check the documented +12 to +35 V DC family supply and the installed loop burden.

4 Interface gate

Inspect sensor connection, shield termination, PROX OUT usage and receiving-channel wiring.

5 Special-suffix gate

Keep every option position tied to this complete order code.

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Commissioning observations

Record each condition separately

1 Static gap

Check the target and installed probe gap against the accepted system configuration.

2 Loop live

Observe stable 4-20 mA response over a controlled known operating condition.

3 NOT OK

Check diagnostics and any low-current response only through the approved site test procedure.

4 PROX OUT

If connected, verify the output path without treating it as isolated from the transmitter loop.

5 Release

Retain the exact model, test readings, channel identity and authorizing maintenance record.

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Acceptance and related pages

Catalogue links are not substitution evidence

1 Article accepted

The as-left unit is marked 990-05-70-02-05 and matches the selected installation.

2 Wiring accepted

Probe, extension, power, shield and receiving channel agree with the site diagram.

3 Response accepted

Controlled measurements and alarm-state checks are recorded before machine release.

4 Navigation note

The related models below have different options and require independent engineering review.

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 990-05-50-02-01](#)

[Bently Nevada 990-05-70-01-05](#)

[Bently Nevada 990-05-70-03-01](#)

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