

Pre-work control

Bently Nevada 330180-X2-05

1

Identify

Match the complete 330180-X2-05 marking to the installed channel record.

2

Secure

Put the monitored machine and protection channel in the approved maintenance state.

3

Document

Record existing sensor mount, terminals, shield, probe and extension path.

4

Resolve

Verify X2 against the original order or nameplate before choosing system length or mounting hardware.

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Installation checks

Bently Nevada 330180-X2-05

1 Compare

Check code 05 approval requirements against the actual hazardous-area installation.

2 Fit

Install the Proximitors in the verified physical position without forcing an assumed mount.

3 Connect

Reconnect the matched probe and extension cable to the documented input.

4 Supply

Check the negative DC supply range and whether barriers are present.

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Commissioning observations

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1 Output

Restore the monitor output and shielding to the approved drawing.

2 Inspect

Check cable damage, connector integrity and target condition.

3 Gap

Set the probe's static gap by the installed matched-system procedure.

4 Check

Observe sensor supply, bias and monitor diagnostics under controlled energization.

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Acceptance and records

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1 Response

Verify the controlled position/vibration response and scale on the receiving monitor.

2 Alarm

Prove alarm and failure behavior through the site-approved test.

3 Record

Capture as-left full model, X2 evidence, readings and acceptance decision.

4 Release

Do not infer interchangeability from a nearby 330180 option code.

Manufacturer evidence: Baker Hughes / Bently Nevada, 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN, pp. 3-4 and ordering table.

Related ApterPower product pages / navigation only

[Bently Nevada 330103-00-08-05-02-00](#)

[Bently Nevada 330103-00-05-50-12-00](#)

[Bently Nevada 330878-50-00](#)

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