Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Work scope and retained evidence

The installation record for 330101-10-27-05-02-05 preserves physical geometry, cable routing, matched electrical length, gap and calibration evidence.

PREPARATION 1

Read the full 330101-10-27-05-02-05 marking before removing the installed probe.

PREPARATION 2

Record probe gap, target material, runout and monitor configuration before service.

PREPARATION 3

Confirm 3/8-24 UNF, 1.0 in unthreaded length and 2.7 in case length.

PREPARATION 4

Keep the cable route within the 25.4 mm minimum bend radius and protect the clickloc connector.

Retain	Exact label, position and approved configuration
Protect	Personnel, process, contacts and field circuits
Record	Wiring, addresses, project and observed baseline
Release	Only after witnessed diagnostics and functional checks

Pre-work boundary

No conductor, memory device, network setting or terminal position is changed until its installed identity has been captured in the maintenance record.

Work package	Exact Bently Nevada 330101-10-27-05-02-05 scope
System owner	Responsible person for the affected 3300 XL 8 mm Proximity Transducer System installation
Backup owner	Named custodian of the validated software or configuration copy
Field witness	Person confirming conductor, connector and terminal identity
Release witness	Person approving diagnostics and the final functional test

READY TO REMOVE

Isolation, backups, labels and baseline observations are complete.

NOT READY

Any unresolved identity, connection or project discrepancy stops the work.

Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Mechanical and electrical preparation

FIELD CONTROL 1

Join clean mating connectors finger tight; 0.565 N m is a maximum limit, not a tightening target.

FIELD CONTROL 2

Match probe-plus-extension length to the Proximitor Sensor electrical-length selection.

FIELD CONTROL 3

Restore the documented gap voltage and verify static and dynamic response before release.

FIELD CONTROL 4

Confirm the ordered 05, multiple approvals marking instead of assigning approval from the family name.

Identity check	330101-10-27-05-02-05
Configuration set	Project, channel, address or interface data retained
Physical record	Slot, terminal, connector and cable positions captured
Energy control	Rack, field and connected process sources isolated
Handling	Grounded ESD and protected contacts
Inspection	No contamination, damage or loose termination

Installation decision

Proceed only when the replacement identity and every required restoration record are available at the work location.

Mechanical fit	Mounting, rack seating, cutout or terminal mating confirmed
Electrical fit	Supply, polarity, commons, ranges and protection checked
Information fit	Addresses, project, memory or runtime application retained
Environmental fit	Enclosure, grounding, contamination and cable condition reviewed
Service fit	Test equipment, approved procedure and rollback plan available

PRE-ENERGIZATION HOLD

Keep 330101-10-27-05-02-05 de-energized until every fit check is signed.

RESTORATION BASIS

Return connections and configuration to the captured approved baseline only.

Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Controlled restoration

1 / isolate	Apply the approved machine, rack and field energy controls.
2 / capture	Record exact identity, connections, software and observed baseline.
3 / exchange	Protect contacts and restore the documented physical arrangement.
4 / configure	Apply only the validated project, addresses, ranges or runtime files.
5 / diagnose	Review module, network and system indicators before operation.
6 / prove	Witness each required field response and retain the acceptance record.

STOP CONDITION

Pause when an identifier, conductor, project or interface does not match the approved record.

ESCALATION

Resolve discrepancies through engineering review before power or process control is restored.

Controlled restoration

For 330101-10-27-05-02-05, restoration is controlled as a chain: captured physical arrangement, validated configuration, correct seating or termination, healthy diagnostics and proven system response.

Visual inspection	No bent contacts, damaged threads, contamination or trapped conductor
Connection inspection	Every connector, screw or memory device is fully seated
Configuration inspection	Loaded revision and settings match the retained baseline
Diagnostic inspection	Status indications are interpreted before field operation
Functional inspection	Required response is proved without bypassing safeguards

ROLLBACK POINT

Stop and return to the safe state if any restoration check fails.

TRACEABILITY

Attach readings, screenshots or observations to the 330101-10-27-05-02-05 work order.

Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Commissioning sequence

Pre-work	Identity, backups, wiring and energy controls complete
Post-install	Seating, terminals, grounding and configuration verified
Diagnostics	Relevant module, network and system status reviewed
Functional proof	Required inputs, outputs, communications or HMI actions witnessed
Handover	Exceptions, measurements and restored revision recorded

Commissioning questions

330101-10-27-05-02-05: thread and armor?

3/8-24 UNF; unarmored construction.

330101-10-27-05-02-05: case geometry?

1.0 in unthreaded; 2.7 in overall case.

330101-10-27-05-02-05: probe length?

CC selects 0.5 m total probe length.

330101-10-27-05-02-05: connector?

DD selects miniature coaxial clickloc without protector.

330101-10-27-05-02-05: approval?

EE selects 05, multiple approvals.

330101-10-27-05-02-05: system-length rule?

Probe plus extension equals the Proximitor Sensor length.

330101-10-27-05-02-05: static gap?

Set in the linear region; nominally about 1.27 mm at -9 Vdc.

330101-10-27-05-02-05: final checks?

Record identity, target, gap, polarity, scale response and cable route.

Decision closeout

Close the 330101-10-27-05-02-05 work order with isolation removal, restored settings, inspection results and every required functional witness documented.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The 330101-10-27-05-02-05 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Bently Nevada 330101-10-27-05-02-05

Proximity Probe / Handover and support

Work identity	Bently Nevada 330101-10-27-05-02-05
Precondition	Safe state plus complete restoration record
Installation evidence	Position, terminals, cables, settings and software baseline
Commissioning evidence	Diagnostics plus witnessed functional result
Handover	Recorded revision, exceptions and responsible approval

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Bently Nevada 3500-15-05-05-01

Open verified product page

Bently Nevada 3500-05-01-02-01-00-01

Open verified product page

Bently Nevada 3500-42M-SIL2-09-01

Open verified product page

Bently Nevada 330130-070-00-05

Open verified product page

MANUFACTURER EVIDENCE RECORD

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet

Baker Hughes publication 141194, Rev. AN

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Send the exact model, quantity, destination and requested condition for a quotation.