

Bently Nevada 330881-28-04-214-00-02

Installation & Commissioning Guide

Bently Nevada 330881-28-04-214-00-02 is a metric PROXPAC XL assembly with a multiple-approval 3300 XL 8 mm probe, a 40 mm standoff and 214 mm probe penetration.

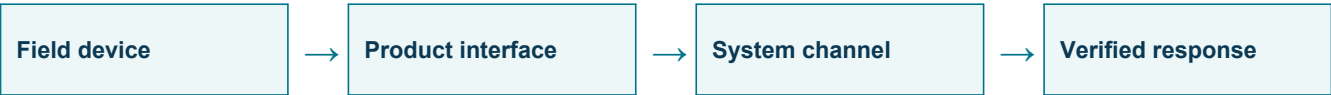
PRODUCT ROLE AND VERIFIED FEATURES

Feature 1 Combines a 3300 XL 8 mm probe and Proximitor sensor in one field housing.	Feature 2 Uses the multiple-approval probe option selected by code 28.
Feature 3 Sets the metric penetration dimension to 214 mm.	Feature 4 Provides a 40 mm standoff with a 3/4-14 NPT mounting-thread execution.

VERIFIED DATA SNAPSHOT

Assembly	PROXPAC XL, metric
Probe option	3300 XL 8 mm with multiple approvals
Standoff adapter	40 mm
Probe penetration	214 mm

SYSTEM RELATIONSHIP



APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.



Pre-installation readiness

READINESS GATE

Identity Compare the complete marking with the approved work order and installed record.	System match Confirm the receiving channel, mating components and controlled configuration.
Physical condition Inspect mounting surfaces, connectors, terminals, cable and support hardware.	Work controls Apply authorized isolation, bypass, access and restoration procedures.

TECHNICAL PROFILE FOR THE WORK

Assembly PROXPAC XL, metric	Probe option 3300 XL 8 mm with multiple approvals
Standoff adapter 40 mm	Probe penetration 214 mm
Fittings No fittings; plugs and washers supplied	Mounting thread 3/4-14 NPT
Housing function Integrated probe and Proximitors enclosure	Environmental enclosure Type 4X / IP66 family design

IMPORTANT NOTICE

Resolve every unmatched interface, configuration or receiving-system condition before removal or installation.

SOURCE AND WORK CONTROLS

Manufacturer source	Bently Nevada PROXPAC XL Proximity Transducer Assembly Datasheet 178554 Rev. E.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

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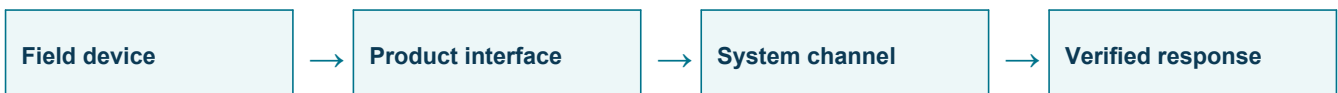
Installation sequence

CONTROLLED WORK STEPS

- 01 Match the complete 330881-28-04-214-00-02 marking and the assigned machine location before installation.
- 02 Verify that the 3/4-14 NPT mounting interface and 40 mm standoff match the prepared housing.
- 03 Confirm that 214 mm probe penetration provides the required reach without contact risk.
- 04 Provide additional sleeve support when the installed geometry requires it to control resonance.
- 05 Keep plugs, washers, seals and cable entries clean so the enclosure rating is retained.
- 06 Do not treat a different standoff or penetration code as an interchangeable assembly.
- 07 Set the probe gap only after the housing, sleeve and target clearances are secured.
- 08 Verify Proximitor output, monitor polarity and dynamic response before enabling protection.

CONNECTION RECORD

As found	Photograph and label every connection and installed orientation before removal.
Mechanical	Record mounting position, support, clearance and connector engagement.
Electrical	Record polarity, common, shield, channel assignment and cable route.
Configuration	Preserve approved settings, scaling, alarm logic and acceptance limits.
As left	Record the final physical condition and any controlled deviation.



WORK HOLD POINTS

Before removal	Identity, position, wiring, orientation and controlled settings recorded.
Before connection	Mating interfaces, condition and routing reviewed.
Before power-up	Mechanical work, wiring, shielding and configuration independently checked.
Before release	Static value, dynamic response and protection behavior accepted.

Commissioning and functional proof

COMMISSIONING SEQUENCE

Initial state Observe status at power-up and check for unexpected fault or alarm indication.	Static value Verify the expected bias, gap, loop, contact or channel value for the application.
Dynamic response Apply the approved machine or test stimulus and confirm response and scaling.	Protection path Verify the configured alarm, relay, data or receiving-system behavior.

APPLICATION-SPECIFIC EVIDENCE

Integrated field transducer Places the sensing probe and signal-conditioning electronics in one protected housing.	Bearing vibration monitoring Provides a proximity signal for shaft-relative vibration channels.
Position measurement Supports static shaft-position measurement when installed within the matched range.	Harsh-area installation Uses the PROXPAC enclosure and the selected mounting interface for protected field installation.

ACCEPTANCE RECORD

Identity	Complete marking and final installed position recorded.
Physical inspection	Mounting, connectors, terminals and routing checked.
Channel status	Expected status and configured measurement confirmed.
Functional test	Required output or protection response demonstrated.
Restoration	Bypasses removed and operating state approved.

COMMISSIONING QUESTIONS

What probe is contained in 330881-28-04-214-00-02?	Code 28 selects a 3300 XL 8 mm probe with multiple approvals.
How far is the penetration dimension on 330881-28-04-214-00-02?	The 214 option specifies 214 mm.

Release record and technical references

CLOSEOUT QUESTIONS

Which standoff is built into 330881-28-04-214-00-02?	Option 04 specifies a 40 mm metric standoff adapter.
What cable-entry kit is selected for 330881-28-04-214-00-02?	Option 00 supplies no fittings; the documented plug and washer set is used.
Which mounting thread is required by 330881-28-04-214-00-02?	The final 02 option selects 3/4-14 NPT.
Why must sleeve support be reviewed for 330881-28-04-214-00-02?	The combined installed reach can require support to prevent resonance and unstable probe position.
What enclosure function does 330881-28-04-214-00-02 provide?	PROXPAC XL integrates the probe and Proximity sensor in a protected field housing.
How is 330881-28-04-214-00-02 commissioned?	Secure the assembly, set the gap, then verify conditioned output and the assigned monitor-channel response.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330103-02-08-10-02-CN	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330190-045-01-05	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330851-02-000-040-10-00-05	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER SOURCE AND FINAL CONTROL

Manufacturer source	Bently Nevada PROXPAC XL Proximity Transducer Assembly Datasheet 178554 Rev. E.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

IMPORTANT NOTICE

Release the equipment only after the responsible site authority accepts the recorded result.

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