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

Complete Product Information

Bently Nevada 330881-28-04-214-00-02 integrates the probe, sleeve and Proximitor sensor in a compact Type 4X/IP66 housing for a 214 mm penetration requirement.

WHAT THIS PRODUCT DOES

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 characteristic 1

Combines a 3300 XL 8 mm probe and Proximitor sensor in one field housing.

Product characteristic 2

Uses the multiple-approval probe option selected by code 28.

Product characteristic 3

Sets the metric penetration dimension to 214 mm.

Product characteristic 4

Provides a 40 mm standoff with a 3/4-14 NPT mounting-thread execution.

PRODUCT-PAGE TECHNICAL SNAPSHOT

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

IMPORTANT NOTICE

Match the complete 330881-28-04-214-00-02 marking and the assigned machine location before installation. Verify Proximitor output, monitor polarity and dynamic response before enabling protection.

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Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

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 Proximitor enclosure
Environmental enclosure	Type 4X / IP66 family design

FEATURE INTERPRETATION

Product identity

Combines a 3300 XL 8 mm probe and Proximitor sensor in one field housing.

System role

Uses the multiple-approval probe option selected by code 28.

Service context

Sets the metric penetration dimension to 214 mm.

Return-to-service focus

Provides a 40 mm standoff with a 3/4-14 NPT mounting-thread execution.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

The penetration and standoff dimensions establish the physical reach from the mounting surface toward the machine target. Sleeve support and final gap must be verified at the installed location.

PRODUCT-PAGE TECHNICAL 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.
Which standoff is built into 330881-28-04-214-00-02?	Option 04 specifies a 40 mm metric standoff adapter.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

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.

APPLICATION VERIFICATION MAP

Integrated field transducer	Confirm the documented system position and the required operating function.
Bearing vibration monitoring	Compare the restored connection or control path with the approved record.
Position measurement	Check the physical interface and the retained configuration before startup.
Harsh-area installation	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION 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.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

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.

FREQUENTLY ASKED TECHNICAL 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.
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.

IMPORTANT NOTICE	Match the complete 330881-28-04-214-00-02 marking and the assigned machine location before installation. Verify Proximitor output, monitor polarity and dynamic response before enabling protection.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

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 Proximitor 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.

MANUFACTURER EVIDENCE RECORD

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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330190-045-01-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330851-02-000-040-10-00-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330881-28-04-265-00-02	Related product reference. Confirm the execution independently for the intended task.

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