

Bently Nevada 330800-28-45-020-03-02

Complete Product Information

Bently Nevada 330800-28-45-020-03-02 places the probe and Proximito sensor inside a field enclosure for a defined imperial mounting geometry.

WHAT THIS PRODUCT DOES

Bently Nevada 330800-28-45-020-03-02 is a legacy English PROXPAC XL assembly built around a multiple-approval 3300 XL 8 mm probe, a 4.5 in standoff and a 2.0 in penetration setting.

Product characteristic 1 Combines the proximity probe and signal conditioner in one protected field assembly.	Product characteristic 2 Uses the multiple-approval 3300 XL 8 mm probe selection.
Product characteristic 3 Establishes a 4.5 in standoff and 2.0 in penetration geometry.	Product characteristic 4 Provides the fitting arrangement selected by code 03 for the enclosure entry.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Assembly family	PROXPAC XL
Probe selection	3300 XL 8 mm with multiple approvals
Standoff length	4.5 in
Probe penetration	2.0 in

IMPORTANT NOTICE	Verify the 3/4-14 NPT mounting thread and the full 4.5 in standoff geometry. Record gap voltage and dynamic response after the complete signal chain is restored.
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Features and technical data

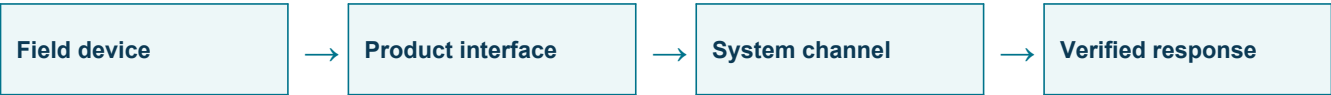
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Assembly family	PROXPAC XL
Probe selection	3300 XL 8 mm with multiple approvals
Standoff length	4.5 in
Probe penetration	2.0 in
Fittings selection	3/4-14 NPT entry with reducer and plugs
Mounting thread	3/4-14 NPT
Signal path	Integrated probe and Proximito sensor
Installation system	Matched 3300 XL 8 mm channel

FEATURE INTERPRETATION

Product identity Combines the proximity probe and signal conditioner in one protected field assembly.	System role Uses the multiple-approval 3300 XL 8 mm probe selection.
Service context Establishes a 4.5 in standoff and 2.0 in penetration geometry.	Return-to-service focus Provides the fitting arrangement selected by code 03 for the enclosure entry.

SIGNAL OR CONTROL PATH



The assembled reach must be checked against the machine target before the housing is tightened. Sleeve support, gap setting and enclosure sealing determine whether the installed channel remains stable.

PRODUCT-PAGE TECHNICAL QUESTIONS

Which probe execution is integrated in 330800-28-45-020-03-02?	The 28 field selects a 3300 XL 8 mm probe with multiple approvals.
How is the standoff length read from 330800-28-45-020-03-02?	The 45 field represents a 4.5 in standoff in the English PROXPAC ordering structure.
What penetration setting belongs to 330800-28-45-020-03-02?	The 020 field sets probe penetration to 2.0 in.

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.

Bearing vibration monitoring Supplies a conditioned proximity signal for shaft-relative vibration channels.	Static shaft position Supports non-contact observation of shaft position at the prepared mounting point.
Field-mounted signal conditioning Keeps the Proximitor sensor close to the probe inside the PROXPAC enclosure.	Retrofit machine protection Fits legacy PROXPAC positions when the complete ordering string and mounting geometry match.

APPLICATION VERIFICATION MAP

Bearing vibration monitoring	Confirm the documented system position and the required operating function.
Static shaft position	Compare the restored connection or control path with the approved record.
Field-mounted signal conditioning	Check the physical interface and the retained configuration before startup.
Retrofit machine protection	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

What penetration setting belongs to 330800-28-45-020-03-02?	The 020 field sets probe penetration to 2.0 in.
Which enclosure fittings are selected by 330800-28-45-020-03-02?	Code 03 provides one 3/4-14 NPT fitting, one 3/4-14 NPT to 1/2-14 NPT reducer and two plugs.
What machine-side thread receives 330800-28-45-020-03-02?	The last field, 02, selects a 3/4-14 NPT mounting thread.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Compare the complete 330800-28-45-020-03-02 marking with the assigned machine location before removal.
- 02 Verify the 3/4-14 NPT mounting thread and the full 4.5 in standoff geometry.
- 03 Confirm that the 2.0 in penetration setting leaves safe clearance throughout machine movement.
- 04 Support the sleeve when the installed reach can vibrate or resonate.
- 05 Keep the cable entry, reducer, plugs and seals clean during assembly.
- 06 Set the probe gap only after the enclosure and sleeve are fully secured.
- 07 Check Proximitor output polarity and monitor-channel direction before enabling protection.
- 08 Record gap voltage and dynamic response after the complete signal chain is restored.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Which probe execution is integrated in 330800-28-45-020-03-02?	The 28 field selects a 3300 XL 8 mm probe with multiple approvals.
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Which enclosure fittings are selected by 330800-28-45-020-03-02?	Code 03 provides one 3/4-14 NPT fitting, one 3/4-14 NPT to 1/2-14 NPT reducer and two plugs.

IMPORTANT NOTICE

Verify the 3/4-14 NPT mounting thread and the full 4.5 in standoff geometry. Record gap voltage and dynamic response after the complete signal chain is restored.

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

What machine-side thread receives 330800-28-45-020-03-02?	The last field, 02, selects a 3/4-14 NPT mounting thread.
What mechanical risk does the mounted reach of 330800-28-45-020-03-02 create?	The combined standoff and penetration reach can require support to prevent mechanical resonance.
What signal-conditioning element is contained in 330800-28-45-020-03-02?	The PROXPAC XL housing incorporates the matched Proximity sensor with the probe assembly.
Which checks release 330800-28-45-020-03-02 for service?	Verify enclosure sealing, stable gap voltage, correct polarity and the expected dynamic monitor 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 330901-10-60-70-02-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330102-00-12-10-01-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330190-045-01-05	Related product reference. Confirm the execution independently for the intended task.

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