Bently Nevada 330930-065-00-05

Installation & Commissioning Guide

Bently Nevada 330930-065-00-05 is a 6.5 m unarmored standard extension cable with multiple approvals for a matched 3300 NSv transducer system.

PRODUCT ROLE AND VERIFIED FEATURES

Feature 1

Provides a 6.5 m calibrated extension section.

Feature 2

Uses unarmored standard coaxial construction.

Feature 3

Carries the multiple-approval execution.

Feature 4

Operates only inside a matched 3300 NSv electrical-length chain.

VERIFIED DATA SNAPSHOT

Cable family	3300 NSv extension cable
Cable length	6.5 m
Construction	Without stainless-steel armor
Connector protector	Not included

SYSTEM RELATIONSHIP

Probe lead → **Extension cable** → **Matched connector** → **Signal conditioner**

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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

Cable family

3300 NSv extension cable

Cable length

6.5 m

Construction

Without stainless-steel armor

Connector protector

Not included

Approval selection

Multiple approvals

System rule

Probe plus extension cable equals Proximitor system length

IMPORTANT NOTICE

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

CONFIGURATION AND WORK CONTROLS

Configuration identity	Bently Nevada 330930-065-00-05
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

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Installation sequence

CONTROLLED WORK STEPS

01	Compare the complete 330930-065-00-05 marking with the installed cable before disconnection.
02	Confirm the required unarmored standard cable construction and connector arrangement.
03	Do not shorten, splice or field-repair the calibrated coaxial cable.
04	Clean and inspect both ClickLoc interfaces before mating the connectors.
05	Provide strain relief and protect the cable from abrasion, heat and moving hardware.
06	Use the cable only inside a matched 3300 NSv probe and Proximitor system.
07	Verify continuity and positive connector engagement before energizing the channel.
08	Record the restored gap voltage and proportional response before service release.

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.

Probe lead → **Extension cable** → **Matched connector** → **Signal conditioner**

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

Electrical-length completion

Provides the 6.5 m extension section required by the matched 3300 NSv transducer chain.

Probe-to-conditioner connection

Carries the calibrated coaxial signal from the probe lead to the Proximitor sensor.

Position measurement loop

Maintains the defined signal path for static shaft-position measurements.

Maintenance replacement

Restores a damaged cable section while preserving the selected system length.

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

Which extension length is selected by 330930-065-00-05?	The 065 field specifies 6.5 m.
Does the cable construction of include armor 330930-065-00-05?	No. Option 00 is the unarmored standard cable.
Which approval selection closes 330930-065-00-05?	The final 05 selects the multiple-approval execution.
How does affect total electrical length 330930-065-00-05?	Its 6.5 m section plus the probe lead must equal the selected Proximitor system length.

Release record and technical references

CLOSEOUT QUESTIONS

Can be shortened to remove excess routing 330930-065-00-05?	No. Cutting or splicing changes the calibrated electrical path.
Which contacts require inspection before mating 330930-065-00-05?	Inspect both ClickLoc interfaces for cleanliness, damage and positive engagement.
Why must armor routing practices not be assumed for 330930-065-00-05?	This exact construction is unarmored and requires separate mechanical protection and strain relief.
What commissioning evidence should follow replacement of 330930-065-00-05?	Record restored bias voltage, response direction and dynamic indication.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330104-13-20-50-02-00	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330104-15-23-50-02-00	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330105-02-12-10-02-00	Installation-planning reference. Confirm the execution independently for the intended task.

CONFIGURATION AND FINAL CONTROL

Configuration identity	Bently Nevada 330930-065-00-05
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

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

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