

Bently Nevada 330130-075-01-00

Installation & Commissioning Guide

Bently Nevada 330130-075-01-00 is a 7.5 m armored standard coaxial extension cable for a matched 3300 XL proximity-transducer system.

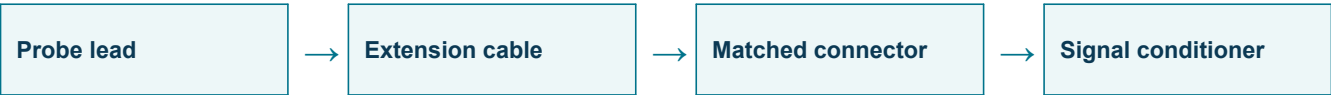
PRODUCT ROLE AND VERIFIED FEATURES

Feature 1 Provides the documented 7.5 m extension-cable length.	Feature 2 Uses armored standard cable for added mechanical protection.
Feature 3 Completes the calibrated coaxial path between probe and Proximitor sensor.	Feature 4 Uses ClickLoc connections without the protector option.

VERIFIED DATA SNAPSHOT

Cable family	3300 XL standard extension cable
Cable length	7.5 m
Construction	Armored standard cable
Connector protector	Not included

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

Cable family 3300 XL standard extension cable	Cable length 7.5 m
Construction Armored standard cable	Connector protector Not included
Approval option Not required	System rule Probe plus extension cable equals Proximity electrical length

IMPORTANT NOTICE

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

SOURCE AND WORK CONTROLS

Manufacturer source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM.
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 Verify the complete 330130-075-01-00 identifier and installed system length before replacement.
- 02 Confirm the required cable construction is Armored standard cable.
- 03 Do not shorten, splice or field-repair the calibrated coaxial cable.
- 04 Clean and inspect both ClickLoc mating surfaces before connection.
- 05 Route the cable with strain relief and protect it from abrasion, hot surfaces and moving hardware.
- 06 Keep probe, extension-cable and Proximitor family components matched as one calibrated system.
- 07 Check connector engagement and cable continuity before energizing the monitoring channel.
- 08 Record gap voltage and dynamic response after the full signal chain is restored.

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

Matched electrical-length completion Completes the probe-to-Proximator path where a 7.5 m extension section is required.	Machinery vibration channels Carries the proximity signal between the probe lead and the matched signal conditioner.
Position monitoring Maintains the calibrated cable path used for static shaft-position measurements.	Maintenance replacement Restores a damaged extension segment without changing the specified 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

What cable length is built into 330130-075-01-00?	The 075 option specifies 7.5 m.
Why does 330130-075-01-00 use option 01?	Option 01 selects armored standard cable.

Release record and technical references

CLOSEOUT QUESTIONS

Which transducer family accepts 330130-075-01-00?	It is a 3300 XL standard extension cable used with matched 8 mm or documented 5 mm systems.
Which connector-protection accessory is omitted by cable option 01 on 330130-075-01-00?	No. Cable option 01 is armored cable without the protector.
What approval execution is present on 330130-075-01-00?	Code 00 means the agency-approval option is not required.
How does 330130-075-01-00 affect total electrical length?	Its 7.5 m length must combine with the probe lead to equal the Proximitor system length.
Can 330130-075-01-00 be shortened to fit?	No. Shortening or splicing changes the calibrated electrical path.
Which post-installation reading is most useful for 330130-075-01-00?	Compare the restored gap voltage and dynamic response with the channel baseline.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330881-28-00-265-00-02	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330102-00-12-10-01-05	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330851-02-000-080-90-01-05	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER SOURCE AND FINAL CONTROL

Manufacturer source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM.
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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