

Bently Nevada 330130-070-01-00

Complete Product Information

Bently Nevada 330130-070-01-00 supplies the 7.0 m armored section between a compatible probe lead and Proximitor sensor.

WHAT THIS PRODUCT DOES

Bently Nevada 330130-070-01-00 is a 7.0 m armored standard coaxial extension cable for a matched 3300 XL proximity-transducer system.

Product characteristic 1 Provides the documented 7.0 m extension-cable length.	Product characteristic 2 Uses armored standard cable for added mechanical protection.
Product characteristic 3 Completes the calibrated coaxial path between probe and Proximitor sensor.	Product characteristic 4 Uses ClickLoc connections without the protector option.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Cable family	3300 XL standard extension cable
Cable length	7.0 m
Construction	Armored standard cable
Connector protector	Not included

IMPORTANT NOTICE

Verify the complete 330130-070-01-00 identifier and installed system length before replacement. Record gap voltage and dynamic response after the full signal chain is restored.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Cable family	3300 XL standard extension cable
Cable length	7.0 m
Construction	Armored standard cable
Connector protector	Not included
Approval option	Not required
System rule	Probe plus extension cable equals Proximitor electrical length

FEATURE INTERPRETATION

Product identity Provides the documented 7.0 m extension-cable length.	System role Uses armored standard cable for added mechanical protection.
Service context Completes the calibrated coaxial path between probe and Proximitor sensor.	Return-to-service focus Uses ClickLoc connections without the protector option.

SIGNAL OR CONTROL PATH



The extension cable is an electrical component of the calibrated transducer system. Its length and family must agree with both the probe and the Proximitor sensor.

PRODUCT-PAGE TECHNICAL QUESTIONS

Which option in 330130-070-01-00 establishes cable length?	Code 070 specifies 7.0 m.
Is 330130-070-01-00 physically armored?	Yes. The 01 cable option adds armor.
What connector accessory is absent from 330130-070-01-00?	The 01 execution does not include a connector protector.

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.

Matched electrical-length completion Completes the probe-to-Proximator path where a 7.0 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.

APPLICATION VERIFICATION MAP

Matched electrical-length completion	Confirm the documented system position and the required operating function.
Machinery vibration channels	Compare the restored connection or control path with the approved record.
Position monitoring	Check the physical interface and the retained configuration before startup.
Maintenance replacement	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 connector accessory is absent from 330130-070-01-00?	The 01 execution does not include a connector protector.
How should 330130-070-01-00 be paired with a probe?	Choose the probe length so the combined electrical length equals the matched Proximator requirement.
How is agency approval handled by the last field of 330130-070-01-00?	It identifies the no-approval option in the extension-cable ordering table.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Verify the complete 330130-070-01-00 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.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Which option in 330130-070-01-00 establishes cable length?	Code 070 specifies 7.0 m.
Is 330130-070-01-00 physically armored?	Yes. The 01 cable option adds armor.
What connector accessory is absent from 330130-070-01-00?	The 01 execution does not include a connector protector.
How should 330130-070-01-00 be paired with a probe?	Choose the probe length so the combined electrical length equals the matched Proximitor requirement.

IMPORTANT NOTICE

Verify the complete 330130-070-01-00 identifier and installed system length before replacement. Record gap voltage and dynamic response after the full 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

How is agency approval handled by the last field of 330130-070-01-00?	It identifies the no-approval option in the extension-cable ordering table.
Where should 330130-070-01-00 be strain-relieved?	Support the armor and cable near transitions without loading either ClickLoc connector.
What damage makes 330130-070-01-00 unacceptable for reuse?	Reject crushed armor, kinked cable, contaminated contacts or a loose connector termination.
How is continuity of 330130-070-01-00 verified in service?	After connection, confirm stable gap voltage and proportional response through the complete channel.

MANUFACTURER EVIDENCE RECORD

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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330102-00-12-10-01-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330173-00-05-10-02-00	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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