330930-060-00-00

3300 XL NSv Extension Cable

Bently Nevada 330930-060-00-00 is a 6.0 m unarmored extension cable for a matched 3300 XL NSv proximity transducer system.

330930-060-00-00 executive product dashboard

Seven-metre NSv completion

A documented 1.0 m probe lead plus the 6.0 m cable establishes the full electrical length.

Small-target signal continuity

The unarmored 75 ohm path preserves the matched response required by NSv measurement geometry.

Connector-led serviceability

Gold-plated ClickLoc interfaces support controlled field exchange with finger-tight assembly.

Published Overview

330930-060-00-00 carries the NSv signal over 6.0 m of standard FEP-insulated coaxial cable without armor and without an approval option.

Exact order-code identity

Cable family	3300 XL NSv extension cable
Cable length	6.0 m (19.7 ft)
Connector and cable option	00 - Without stainless-steel armor
Agency approval option	00 - Not required

Electrical construction	75 ohm coaxial cable
Insulation	FEP
Typical capacitance	69.9 pF/m
Center-conductor resistance	0.220 ohm/m

330930-060-00-00 is the 6.0 m standard unarmored execution within the NSv cable family. Its length is selected together with the probe lead and Proximitor Sensor rather than as an independent mechanical spare.

3300 XL NSv Extension Cable technical capability map

Shield resistance	0.066 ohm/m
Connector material	Gold-plated brass
Minimum bend radius	25.4 mm

Operating and storage temperature	-52 to +177 deg C
Matched system lengths	5 m or 7 m including probe lead and extension cable

Installed signal or connection path

3300 XL probe > **ClickLoc joint** > **330930-060-00-00** > **Proximitor Sensor** > **Monitor channel**

Mechanical relationship	330930-060-00-00 is the 6.0 m standard unarmored execution within the NSv cable family. Its length is selected together with the probe lead and Proximitor Sensor rather than as an independent mechanical spare.
Electrical or interface relationship	The coaxial route must retain controlled support and bend radius while the gold-plated ClickLoc interfaces remain clean, dry and finger-tight. Silicone tape or approved connector protection may be applied only under the documented installation practice.
Acceptance boundary	Commissioning proves the entire small-target chain: verify total length, stable 1.0 mm operating gap, bias, runout and channel response under the actual target and spacing conditions.
Controller platform reference	Confirm 330930-060-00-00 against the installed drawing and applicable Bently Nevada instructions.
Technical source	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R

Integration, applications and compatibility for 330930-060-00-00

System and supply context	NSv chain context: 330930-060-00-00 is the 6.0 m extension cable only; probe, Proximitor Sensor and connector protection are separate supply items.
Application scope	Restricted-clearance use: Apply 330930-060-00-00 where a seven-metre NSv chain supports small-shaft, side-view or counterbore-limited measurement.

Application fit decisions

Seven-metre transducer chain

Combine with a verified 1.0 m NSv probe lead and matching 7 m Proximitor Sensor.

Small-shaft compressor points

Retain the calibrated cable path used by restricted-clearance radial or axial measurements.

Unarmored protected route

Use conduit or approved supports where abrasion or mechanical exposure is possible.

Controlled NSv maintenance

Restore connector identity, total length and the accepted live-gap baseline together.

Product precautions

Verify the 060 code

Confirm the 6.0 m cable length and both endpoint labels before disconnection.

Protect the coaxial route

Avoid tensile load, sharp edges and bends below 25.4 mm.

Keep ClickLoc contacts clean

Inspect both interfaces and make finger-tight locked connections.

Match the seven-metre chain

Confirm the actual probe lead and Proximitor Sensor length designation.

Retain small-target geometry

Do not use a cable change to compensate for incorrect gap, target size or probe spacing.

Close with live evidence

Compare gap voltage, runout and operating response with the accepted pre-work record.

Compatibility decision	Use the exact installed drawing, target, companion hardware and receiving channel when accepting 330930-060-00-00.
Substitution boundary	Related product references are navigation aids and do not establish interchangeability or equivalent performance.

330930-060-00-00 Buyer information and installed-base record

Lifecycle status	330930-060-00-00 is the 6.0 m unarmored extension-cable execution for a 3300 XL NSv matched chain. Its installed-base role depends on the probe-lead length and the selected five- or seven-metre Proximitor Sensor system.
Replacement boundary	A 1.0 m NSv probe lead plus this 6.0 m cable produces a 7 m electrical length. Using the cable behind a 0.5 m probe or with a 5 m Proximitor Sensor creates an incorrect chain even when the ClickLoc ends mate.
Supply boundary	The offered item is the 330930-060-00-00 cable without stainless-steel armor and without an agency-approval option. Separate environmental protection and companion transducer components are quoted independently.

Available-unit identity	Read the complete 330930-060-00-00 marking and verify the 6.0 m length, option-00 unarmored construction and option-00 approval block.
Physical review	Inspect both gold-plated ClickLoc interfaces, FEP insulation, strain reliefs and the full route for bending, abrasion or fluid contamination before accepting the cable.
Included-item boundary	one 6.0 m 330930-060-00-00 NSv extension cable; probe, Proximitor Sensor and external protection only when explicitly listed

Technical notes

Exact cable execution	6.0 m standard NSv coaxial extension cable without armor
Matched-chain requirement	Probe lead plus extension cable must equal the selected Proximitor Sensor length
Technical reference	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R

Alternative names

Complete identity variant 1	Bently Nevada 330930-060-00-00
Complete identity variant 2	3300 XL NSv Extension Cable 330930-060-00-00

Engineering FAQ for 330930-060-00-00

Which probe length normally completes 330930-060-00-00 as a seven-metre NSv chain?	A documented 1.0 m NSv probe lead plus the 6.0 m extension cable totals 7 m; confirm both markings before assembly.
Why must 330930-060-00-00 remain part of a matched NSv system?	Cable length and electrical characteristics affect the scale and linear response produced by the probe and Proximitor Sensor together.
How should 330930-060-00-00 be protected without stainless-steel armor?	Use approved routing support or conduit and prevent abrasion, pulling and sharp bending along the full run.
What ClickLoc handling is required for 330930-060-00-00?	Keep the contacts dry, align the connector bodies and tighten by hand until the locking action is established.
Can 330930-060-00-00 correct a restricted-target response error?	No. Target size, probe spacing, counterbore and operating gap must be corrected mechanically; the cable only preserves the documented signal path.
Which resistance checks can support acceptance of 330930-060-00-00?	Use the documented per-metre conductor and shield values with an approved test method, then record insulation condition before connection.
What does option 00 establish on 330930-060-00-00?	The cable is the standard unarmored execution and does not request an agency-approval option.
How is the restored channel proven after installing 330930-060-00-00?	Set the approved gap, confirm stable bias and compare runout plus the intended radial, axial or phase response with the baseline.

What happens after you enquire

Review your reference	Send the full 330930-060-00-00 marking, quantity and label photos. We review the item and any version details that need clarification.
Confirm the offer	Check the quoted 330930-060-00-00 reference, condition, included items and expected dispatch date before approving the order.
Arrange dispatch	Confirm delivery details for 330930-060-00-00 and receive the tracking number when it becomes available.

Ordering checks

Match the complete marking	Include 330930-060-00-00 and every revision or approval marking visible on the item. Keep the exact reference on the enquiry and quotation.
Check the offered item before ordering	Request available label and interface photographs. Compare the offered 330930-060-00-00 with the installed equipment and applicable Bently Nevada documentation.

330930-060-00-00 documents, evidence and enquiry record

Downloads and View PDF roles

330930-060-00-00 Technical Reference	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R. Selected pages retain the applicable family data, order structure and system boundary without reseller material.
330930-060-00-00 Installation and Commissioning Guide	Field-focused decisions for identity capture, mechanical and electrical fit, controlled installation, diagnostics and handover.
Complete Product Information	Three distinct references support 330930-060-00-00: selected manufacturer technical pages, a model-specific installation guide and the complete product-page dossier.

Manufacturer evidence ledger

Manufacturer reference	Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R
Applicability	Facts are limited to the exact order-code selections and stated matched-system conditions.
Evidence boundary	No neighboring-model option or unsupported lifecycle conclusion is assigned to this product.

Recommended product	Bently Nevada 330980-70-05
Recommended product	Bently Nevada 330425-01-00
Recommended product	Bently Nevada 330500-07-00
Recommended product	Bently Nevada 330706-005-046-10-02-00
Recommended product	Bently Nevada 200355-00-00-00

Discuss the exact marking and installed relationship with Apter Power.
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Use the complete marking, installed relationship, photographs and measured baseline as the service record for 330930-060-00-00.