

330930-045-00-00

3300 XL NSv 4.5 m Standard Extension Cable

Bently Nevada 330930-045-00-00 is a 4.5 m unarmored standard extension cable for a matched 3300 XL NSv proximity transducer system. The probe and extension-cable lengths must equal the selected

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3300 XL NSv

PART

330930-045-00-00

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

330930-045-00-00 provides probe-to-Proximator signal connection in a matched small-target NSv transducer loop for a matched Bently Nevada 3300 XL NSv Proximity Transducer System installation.

- Exact article identity 330930-045-00-00
- 3300 XL NSv 4.5 m Standard Extension Cable
- Documented role: probe-to-Proximator signal connection in a matched small-target NSv
- Controlled installation, diagnostics and functional verification

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3	Bently Nevada 330730-040-00-00	4
		Bently Nevada 330104-01-05-10-02-00
5	Bently Nevada 330101-20-36-10-02-00	6
		Bently Nevada 330104-00-15-10-02-00
7	Bently Nevada 330910-00-05-50-02-00	8
		Bently Nevada 330909-00-60-10-01-05
9	Bently Nevada 330103-00-06-50-02-00	

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximator Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to its documented host position, mating hardware, wiring or cable route and approved configuration. Commissioning preserves that architecture and verifies controlled response.

TECHNICAL DATA

PARAMETER	VALUE
Extension cable model	330930
Cable length	4.5 m (14.8 ft)
Connector and cable option	Without stainless-steel armor
Connector protector	Not included
Agency approval option	Not required
System family	3300 XL NSv

PARAMETER	VALUE
System average scale factor	7.87 V/mm (200 mV/mil)
System linear range	1.5 mm (60 mil)
Connector design	Gold-plated brass ClickLoc
System compatibility	Matched NSv probe and 3300 XL NSv Proximator Sensor
Typical application boundary	Small targets and restricted counterbore, side-view or
Cable-route control	Protect from crushing, sharp bends and liquid ingress at

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TECHNICAL NOTE

Install 330930-045-00-00 only in the documented Bently Nevada 3300 XL NSv Proximity Transducer System position. Preserve exact mating interfaces and the as-found record, then verify diagnostics and probe-to-Proximator signal connection in a matched small-target NSv transducer loop under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Machinery-protection planned maintenance

Restores probe-to-Proximitior signal connection in a matched small-target NSv transducer loop in the

3300 XL NSv 4.5 m Standard Extension Cable replacement

Uses exact 330930-045-00-00 identity instead of an adjacent order-code execution.

Monitoring-system refurbishment

Preserves the installed host position, mating interfaces, wiring and approved configuration.

Controlled recommissioning

Confirms diagnostics and the affected measurement or communication function before operation.

PRODUCT PRECAUTIONS

1

Confirm the complete 330930-045-00-00 marking, product role and documented installation position.

2

Place the machinery protection system and connected process in the approved maintenance state.

3

Isolate power and field circuits, prove the safe state and apply ESD controls where required.

4

Record every mating component, terminal, connector, shield, cable route and configuration assignment.

5

Verify all manufacturer-documented mechanical and electrical values for this exact execution.

6

Restore the matched host, interfaces, grounding, shielding and approved configuration.

7

Energize under control and review rack, channel or transducer-loop diagnostics.

8

Complete a controlled functional test of probe-to-Proximitior signal connection in a matched

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ENGINEER FAQ

Q1 How is 330930-045-00-00 identified before installation?

Match the complete 330930-045-00-00 marking, the 3300 XL NSv 4.5 m Standard Extension Cable designation and the documented host position; do not substitute a neighboring suffix.

Q2 What function is assigned to 330930-045-00-00?

Bently Nevada documents it for probe-to-Proximitors signal connection in a matched small-target NSv transducer loop in the matched Bently Nevada 3300 XL NSv Proximity Transducer System.

Q3 What official cable length applies to 330930-045-00-00?

The manufacturer record specifies 4.5 m (14.8 ft); verify the installed execution before work.

Q4 Which connector and cable option must be matched for 330930-045-00-00?

The documented value is Without stainless-steel armor. Preserve the associated mechanical, electrical and system interfaces.

Q5 How should the connector protector of 330930-045-00-00 be checked?

Confirm connector protector as Not included and compare it with the as-found installation record.

Q6 What must be recorded before replacing 330930-045-00-00?

Record the exact identity, installed position, mating components, wiring or cable route, configuration, active diagnostics and baseline response before disconnection.

Q7 What connection checks apply to 330930-045-00-00?

Keep every connector clean and correctly seated, preserve shields and grounding, observe documented torque or bend limits and restore the matched system arrangement.

Q8 How is 330930-045-00-00 accepted after installation?

Restore the recorded interfaces and configuration, review diagnostics, then complete a controlled test of probe-to-Proximitors signal connection in a matched small-target NSv transducer loop before release.

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SOURCE 3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R | Baker Hughes / Bently Nevada official manufacturer evidence, verified 28 September 2026
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