

INDUSTRIAL AUTOMATION PRODUCT

# 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 Proximitor Sensor total length.

CONTROLLED ENGINEERING COPY

| IDENTITY        | VERIFIED VALUE                                        |
|-----------------|-------------------------------------------------------|
| Manufacturer    | Bently Nevada                                         |
| System family   | Bently Nevada 3300 XL NSv Proximity Transducer System |
| Part number     | 330930-045-00-00                                      |
| Document status | Controlled product and system reference               |

**DOCUMENT SCOPE**

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

**MODEL-SPECIFIC ENGINEERING 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-Proximitor signal connection in a matched small-target NSv transducer loop under controlled conditions.

# System Role and Architecture

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 Proximitor Sensor total length.

**FUNCTION 1**  
Exact article identity 330930-045-00-00

**FUNCTION 2**  
3300 XL NSv 4.5 m Standard Extension Cable

**FUNCTION 3**  
Documented role: probe-to-Proximitor signal connection in a matched small-target NSv transducer loop

**FUNCTION 4**  
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

1 Bently Nevada  
330101-00-40-10-02-00

2 Bently Nevada  
330101-00-40-05-02-00

3 Bently Nevada  
330101-00-30-10-02-05

4 Bently Nevada  
330101-00-30-10-02-00

5 Bently Nevada  
330101-00-20-05-02-00

6 Bently Nevada  
330101-00-16-10-02-00

7 Bently Nevada  
330101-00-12-10-02-00

8 Bently Nevada  
330101-00-08-10-02-05

9 Bently Nevada  
330101-00-08-10-02-00

## MATCHED SYSTEM COMPONENTS

| NO. | DOCUMENTED COMPONENT / ROLE                                           |
|-----|-----------------------------------------------------------------------|
| 01  | Bently Nevada 3300 XL NSv Proximity Transducer System                 |
| 02  | Matched Bently Nevada host module, Proximitor Sensor or rack position |
| 03  | Documented wiring, cable route, connectors, shields and grounding     |
| 04  | Approved configuration and controlled acceptance record               |

## SYSTEM INTEGRATION RECORD

| INTEGRATION ITEM       | DOCUMENTED ROLE                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Host identity          | Bently Nevada 3300 XL NSv Proximity Transducer System                                        |
| Interface role         | probe-to-Proximitor signal connection in a matched small-target NSv transducer loop          |
| Field / power context  | documented machinery-monitoring rack or matched transducer-loop position                     |
| Commissioning evidence | Identity, interfaces, configuration, diagnostics and controlled functional response recorded |

## INSTALLATION AND CONNECTION CHECKS

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.

# Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

| PARAMETER                  | VALUE                         | PARAMETER                    | VALUE                                                    |
|----------------------------|-------------------------------|------------------------------|----------------------------------------------------------|
| Extension cable model      | 330930                        | System average scale factor  | 7.87 V/mm (200 mV/mil)                                   |
| Cable length               | 4.5 m (14.8 ft)               | System linear range          | 1.5 mm (60 mil)                                          |
| Connector and cable option | Without stainless-steel armor | Connector design             | Gold-plated brass ClickLoc                               |
| Connector protector        | Not included                  | System compatibility         | Matched NSv probe and 3300 XL NSv Proximator Sensor      |
| Agency approval option     | Not required                  | Typical application boundary | Small targets and restricted counterbore, side-view or   |
| System family              | 3300 XL NSv                   | Cable-route control          | Protect from crushing, sharp bends and liquid ingress at |

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1 Bently Nevada  
330101-00-40-10-02-00

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330101-00-08-10-02-05

9 Bently Nevada  
330101-00-08-10-02-00

## ENGINEERING BOUNDARY

Confirm 330930-045-00-00, its matched Bently Nevada 3300 XL NSv Proximity Transducer System host, exact interfaces, installed position, wiring or cable route, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

## PRE-INSTALLATION CHECKS

- 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.

# Applications and Engineering Context

## Machinery-protection planned maintenance

Restores probe-to-Proximitor signal connection in a matched small-target NSv transducer loop in the documented monitoring architecture.

## 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.

### 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-Proximitor signal connection in a matched small-target NSv transducer loop under controlled conditions.

### MODEL-SPECIFIC ACCEPTANCE EVIDENCE

| CHECK              | ACCEPTANCE CONDITION                                                                                         |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Identity           | 330930-045-00-00 recorded                                                                                    |
| Host / carrier     | Bently Nevada 3300 XL NSv Proximity Transducer System                                                        |
| Physical interface | Installed mating components and field interfaces matched to the as-found record                              |
| Configuration      | Approved rack, channel or transducer-loop configuration restored                                             |
| Functional proof   | Controlled test confirms probe-to-Proximitor signal connection in a matched small-target NSv transducer loop |

### IMPORTANT NOTICE

Confirm 330930-045-00-00, its matched Bently Nevada 3300 XL NSv Proximity Transducer System host, exact interfaces, installed position, wiring or cable route, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

# Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Bently Nevada 330101-00-40-10-02-00

View Bently Nevada 330101-00-40-10-02-00 page

2

Bently Nevada 330101-00-40-05-02-00

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MANUFACTURER SOURCE RECORD

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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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.