

330930-065-01-05

3300 XL NSv Extension Cable

Bently Nevada 330930-065-01-05 is a 6.5 m armored 3300 XL NSv extension cable. It completes the matched electrical length between an NSv probe and Proximitor Sensor.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3300 XL NSv Proximity Transducer System

PART

330930-065-01-05

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PRODUCT OVERVIEW

Bently Nevada 330930-065-01-05 is a 6.5 m armored 3300 XL NSv extension cable. It completes the matched electrical length between an NSv probe and Proximator Sensor.

1

Extends the NSv probe connection to the Proximator Sensor

2

Completes the configured matched transducer-system length

3

Protects the signal path with flexible stainless-steel armor

4

Provides gold-plated coaxial connections for the eddy-current signal

SYSTEM COMPONENTS

3300 XL NSv proximity probe

3300 XL NSv Proximator Sensor

ClickLoc connectors

approved cable supports

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330171-00-12-05-01-05	3300 XL proximity probe	Open product page
200150-09-CN	General-purpose accelerometer	Open product page

TECHNICAL DATA

PARAMETER	VALUE
Cable length	6.5 m
Mechanical protection	Flexible AISI 302 stainless-steel armor
Jacket	FEP
Agency approvals	CSA, ATEX and IECEx
Center-conductor resistance	0.220 Ohm/m

PARAMETER	VALUE
Shield resistance	0.066 Ohm/m
Capacitance	69.9 pF/m typical
Connector material	Gold-plated brass
Tensile strength	220 N

TECHNICAL NOTE

Add the 6.5 m cable to the installed probe length and confirm the total equals the selected NSv Proximitor system length; support the armor and keep both coaxial connectors clean and unloaded.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Remote Proximator cabinet routing

Extends the NSv probe connection to the Proximator Sensor

Armored turbine bearing cable run

Completes the configured matched transducer-system length

Compressor NSv probe extension

Protects the signal path with flexible stainless-steel armor

Hazardous-area proximity-system wiring

Provides gold-plated coaxial connections for the eddy-current signal

PRODUCT PRECAUTIONS

- 1 Verify 330930-065-01-05 and the 6.5 m tag before routing.
- 2 Isolate the associated monitor input and identify both cable ends.
- 3 Inspect FEP jacket, armor, and connectors for damage.
- 4 Do not crush, kink, or pull the cable by a connector.
- 5 Keep both coaxial mating surfaces clean and dry.
- 6 Confirm probe plus extension equals the Proximator system length.
- 7 Support the run without creating tensile load at either connector.
- 8 Verify continuity, gap voltage, and dynamic response after connection.

ENGINEER FAQ

Q1 How should the field connections for 330930-065-01-05 be recorded before replacement?

Record terminal or connector identity, polarity, shield, cable tag, channel assignment, and the as-found diagnostic state before disconnecting 330930-065-01-05.

Q2 What isolation is required before installing 330930-065-01-05?

Place remote proximator cabinet routing in the approved maintenance state, isolate every applicable power, signal, and stored-energy source, and prove the work area safe.

Q3 Which configuration check is essential when commissioning 330930-065-01-05?

Restore only the approved model-specific channel, range, address, scale, or interface settings and compare them with the physical installation before enabling the process function.

Q4 How can an engineer function-test 330930-065-01-05 after installation?

Apply a controlled input, reference, or limited output appropriate to 3300 xl nsv extension cable, observe the system indication and diagnostics, and confirm the intended process response.

Q5 What should be checked if 330930-065-01-05 reports an unstable or incorrect value?

Check seating, supply, grounding, shielding, matched components, mechanical installation, and the signal path before changing configuration or replacing additional hardware.

Q6 Can 330930-065-01-05 be replaced by a visually similar model without review?

No. Verify the complete part number, electrical execution, connector arrangement, companion hardware, and approved software or rack configuration.

Q7 What commissioning evidence should be retained for 330930-065-01-05?

Retain the full 330930-065-01-05 identity, as-left wiring and settings, measured functional-test results, final diagnostics, and authorization to return the affected equipment to service.

Q8 Which installed hardware must be matched before fitting 330930-065-01-05?

Match the complete 330930-065-01-05 marking to 3300 XL NSv proximity probe and 3300 XL NSv Proximator Sensor, then confirm the assigned 3300 XL NSv Proximity Transducer System position and approved system configuration.