Bently Nevada 330980-71-CN

Bently Nevada 330980-71-CN is a DIN-rail-mounted 3300 XL NSv Proximitor sensor for the seven-metre transducer-system option. The CN suffix is retained as the documented country-specific ordering code.

IMPORTANT NOTICE	Only directly supported technical values are included. Unresolved ordering codes are preserved without interpretation.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	3300 XL NSv Proximity Transducer System Datasheet 147385 Rev. R and Approvals Quick Reference Guide 108M1756
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Uses the seven-metre NSv system-length option.
- Provides DIN-rail mounting selected by code 71.
- Conditions both static gap and dynamic proximity information.
- Requires a matched NSv probe and extension cable.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330910-00-11-10-02-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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Readiness gate

Identity Compare the complete label with the work order and installed record.	**System match** Confirm mating components, channel type and configuration.
Condition Inspect connectors, terminals, mounting surfaces and cable condition.	**Controls** Apply authorized isolation and machinery-protection bypass controls.

Technical profile

Transducer family	3300 XL NSv
Component	Proximitor signal conditioner
Mounting	DIN rail
Measurement	Relative vibration or position with matched NSv chain
Output content	Dynamic signal plus static gap information
Matched input	3300 XL NSv probe and extension cable

Manufacturer evidence

147385 Rev. R: 330980 71 option for the DIN-mounted seven-metre NSv system; 108M1756 confirms the country-specific ordering-code framework.

Related models

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Installation sequence

01 Verify 330980-71-CN on the physical label before replacing another 330980 variant.	**02** Confirm the DIN-rail mounting arrangement and matched NSv chain.
03 Do not mix five-metre and seven-metre system components.	**04** Keep probe and extension-cable connectors clean and dry.
05 Preserve signal, common and power polarity during rewiring.	**06** Route the transducer cable away from damaging electrical interference.

Connection record

As found	Photograph and label each connection before removal.
Mechanical	Confirm correct mounting, support and connector engagement.
Electrical	Verify polarity, common, shield and channel assignment.
Configuration	Restore the approved settings for this exact position.

IMPORTANT NOTICE	Never use a nearby model, MOD execution or unresolved suffix as an automatic replacement.

Site record

Work order	Record reference and authorized scope.
Installed position	Record machine, channel or rack location.
As-found status	Record signal, alarm or channel condition.
Technician review	Record independent verification before energizing.

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Commissioning checks

Power-up
Observe initial status and confirm no unexpected fault or alarm.

Static check
Verify the expected bias, gap, loop or channel value.

Dynamic check
Apply the approved machine or test response and confirm scaling.

Protection check
Verify configured alarm, relay or receiving-system behavior.

Final precautions

- Set the probe gap with the complete matched chain energized.
- Verify gap output, dynamic response and receiving-channel status before release.

Application confirmation

Axial position
Condition the matched NSv signal for shaft-position measurement.

Relative vibration
Provide dynamic shaft-motion information to compatible monitoring electronics.

Compact machine installations
Support NSv probes where mounting clearance is limited.

Transmitter chain service
Restore the designated NSv signal conditioner in a documented system.

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Acceptance checklist

Exact identity	Label matches the authorized product record.
Mating system	All required components and configuration agree.
Physical condition	Mounting, routing, connectors and terminals are secure.
Signal quality	Static and dynamic readings meet the approved expectation.
Protection state	Bypasses are removed and alarms or relays are restored.
Documentation	Results, changes and unresolved items are recorded.

Technical FAQ

What component is Bently Nevada 330980-71-CN?
It is a 3300 XL NSv Proximitor signal conditioner.

Which mounting arrangement is used by Bently Nevada 330980-71-CN?
Code 71 selects DIN-rail mounting.

Which transducer family is matched to Bently Nevada 330980-71-CN?
Use a compatible 3300 XL NSv probe and extension cable.

What information does Bently Nevada 330980-71-CN provide?
It conditions dynamic proximity information and static gap output.

Related models

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IMPORTANT NOTICE Release the equipment only after the site acceptance authority approves the recorded result.

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