Bently Nevada 330130-070-00-CN

Bently Nevada 330130-070-00-CN is a 7.0 m standard 3300 XL extension cable for a matched 8 mm proximity-transducer chain. Its coaxial path links the probe lead to the Proximitor sensor without altering the calibrated electrical length.

IMPORTANT NOTICE	Only values tied to the documented product family and visible ordering fields are used. Unresolved suffixes remain unchanged.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Provides the documented 7.0 m extension-cable length.
- Uses standard insulated coaxial cable construction.
- Belongs to the 3300 XL 8 mm proximity-transducer system.
- Uses miniature coaxial connectors between the probe lead and Proximitor sensor.

Related models

Bently Nevada 330101-00-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-12-10-11-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-60-90-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-20-10-02-00	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 8 mm
Component role	Calibrated extension cable
Cable length	7.0 m
Cable construction	Standard insulated coaxial cable
Signal connection	Miniature coaxial connectors
Electrical-length rule	Probe plus extension cable equals Proximitor system length

Manufacturer evidence

Datasheet 141194 Rev. AN defines the 330130 standard extension-cable lengths, cable options and system-length matching rule.

Related models

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Bently Nevada 330101-00-12-10-11-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-60-90-01-05	Related portfolio reference; verify the complete execution.
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Installation sequence

01 Confirm 330130-070-00-CN on the cable identification before replacement.	**02** Add probe and extension-cable lengths and compare the result with the Proximitor system length.
03 Protect both coaxial contacts from dirt, moisture and impact.	**04** Do not pull, crush, kink or sharply bend the cable.
05 Do not shorten or splice the calibrated extension cable.	**06** Support the run so machine motion does not load either connector.

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

- Engage each connector fully and restore the specified environmental protection.
- Verify static gap, OK status and dynamic signal response after reconnection.

Application confirmation

Probe connection Join a compatible 3300 XL probe to the selected Proximitor sensor.	**Radial-vibration loop** Maintain the calibrated signal path for a qualified shaft-vibration channel.
Axial-position loop Carry the proximity signal for a documented position-measurement chain.	**Maintenance replacement** Restore the exact cable length and construction recorded for the installed loop.

Related models

Bently Nevada 330101-00-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-12-10-11-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-60-90-01-05	Related portfolio reference; verify the complete execution.
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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 role does Bently Nevada 330130-070-00-CN perform?
It is the calibrated extension-cable section in a 3300 XL 8 mm transducer chain.

Which cable length is selected for Bently Nevada 330130-070-00-CN?
The calibrated extension-cable length is 7.0 m.

Which cable construction applies to Bently Nevada 330130-070-00-CN?
It uses the standard insulated coaxial construction.

How is Bently Nevada 330130-070-00-CN matched to a Proximitor sensor?
Probe length plus extension-cable length must equal the Proximitor system length.

Related models

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Bently Nevada 330101-00-12-10-11-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-60-90-01-05	Related portfolio reference; verify the complete execution.
Bently Nevada 330101-00-20-10-02-00	Related portfolio reference; verify the complete execution.

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

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