# 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. |
|---|---|

## Product capabilities

**Feature 1**
Provides the documented 7.0 m extension-cable length.

**Feature 2**
Uses standard insulated coaxial cable construction.

**Feature 3**
Belongs to the 3300 XL 8 mm proximity-transducer system.

**Feature 4**
Uses miniature coaxial connectors between the probe lead and Proximitor sensor.

## Evidence scope

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

## 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. |

APTER POWER | APPLICATION SUPPORT

Phone: +86 180 3023 5313 Email: sales13@apterpower.com

www.apterpower.com

# Bently Nevada 330130-070-00-CN



## Manufacturer-supported technical data

| | |
|---|---|
| **Transducer family**<br>3300 XL 8 mm | **Component role**<br>Calibrated extension cable |
| **Cable length**<br>7.0 m | **Cable construction**<br>Standard insulated coaxial cable |
| **Signal connection**<br>Miniature coaxial connectors | **Electrical-length rule**<br>Probe plus extension cable equals Proximitor system length |
| **Field modification**<br>Do not shorten, splice or repair the calibrated cable | |

**IMPORTANT NOTICE** Use each value only for the component or complete system stated in the applicable manufacturer source.

## System boundary

The extension cable must remain within its defined transducer or monitoring-system boundary. Confirm the mating hardware, controlled configuration and final signal response before restoring protection.

**APTER POWER | APPLICATION SUPPORT**

Phone: +86 180 3023 5313 Email: sales13@apterpower.com

www.apterpower.com

# Bently Nevada 330130-070-00-CN



## Common applications

**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.

## Commissioning path

**1 / Identify**
Record the complete label and installed context.

**2 / Match**
Confirm the intended probe, cable, module or monitor chain.

**3 / Connect**
Follow the controlled wiring and mounting procedure.

**4 / Accept**
Verify status, signal response and configured protection behavior.

## Application boundary

Application examples describe typical use of the documented product family. Final channel type, target, mounting, loop scaling and protection logic remain machine-specific.

## 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. |

**APTER POWER | APPLICATION SUPPORT**

Phone: +86 180 3023 5313 Email: sales13@apterpower.com

www.apterpower.com

## Product precautions

| | |
|---|---|
| **01**<br>Confirm 330130-070-00-CN on the cable identification before replacement. | **02**<br>Add probe and extension-cable lengths and compare the result with the Proximitor system length. |
| **03**<br>Protect both coaxial contacts from dirt, moisture and impact. | **04**<br>Do not pull, crush, kink or sharply bend the cable. |
| **05**<br>Do not shorten or splice the calibrated extension cable. | **06**<br>Support the run so machine motion does not load either connector. |
| **07**<br>Engage each connector fully and restore the specified environmental protection. | **08**<br>Verify static gap, OK status and dynamic signal response after reconnection. |

| | |
|---|---|
| **IMPORTANT NOTICE** | Do not energize, bypass protection or return a channel to service until the applicable site authorization and functional acceptance are complete. |

## Release record

| | |
|---|---|
| **Identity** | Complete label and installed position recorded |
| **Configuration** | Controlled settings restored and reviewed |
| **Signal path** | Connections, shielding and connector condition checked |
| **Functional result** | Expected status and response documented |

**APTER POWER | APPLICATION SUPPORT**

Phone: +86 180 3023 5313 Email: sales13@apterpower.com

www.apterpower.com

# Bently Nevada 330130-070-00-CN



## Technical questions

**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.

**Can Bently Nevada 330130-070-00-CN be shortened in the field?**
No. Shortening or splicing changes the calibrated electrical path.

**What should be inspected on the connectors of Bently Nevada 330130-070-00-CN?**
Check cleanliness, dryness, contact condition and full engagement.

## Manufacturer reference

3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN

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

## 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. |

**APTER POWER | APPLICATION SUPPORT**

Phone: +86 180 3023 5313 Email: sales13@apterpower.com

www.apterpower.com