Bently Nevada 330130-035-01-CN

Complete Product Information

Bently Nevada 330130-035-01-CN is a 3.5 m armored coaxial cable extension cable for a matched 3300 XL 8 mm proximity-transducer system. It links the probe lead to the Proximitor sensor while preserving the required electrical length.

PRODUCT ROLE AND VERIFIED FEATURES

Feature 1

Provides a 3.5 m calibrated extension-cable length.

Feature 2

Uses armored coaxial cable construction.

Feature 3

Carries the proximity signal through miniature coaxial connections.

Feature 4

Maintains the electrical-length relationship between probe and Proximitor sensor.

VERIFIED DATA SNAPSHOT

Transducer family	3300 XL 8 mm
Component role	Calibrated extension cable
Cable length	3.5 m
Cable construction	Armored coaxial cable

SYSTEM RELATIONSHIP

Probe lead → **Extension cable** → **Matched connector** → **Signal conditioner**

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Technical profile

Verified technical values for the complete product string are arranged below for selection and engineering review.

Transducer family	3300 XL 8 mm
Component role	Calibrated extension cable
Cable length	3.5 m
Cable construction	Armored coaxial cable
Signal connection	Miniature coaxial connectors
Electrical-length rule	Probe plus extension cable equals Proximitor system length
Field modification	Do not shorten, splice or repair the calibrated cable

SELECTION ANCHORS

- Provides a 3.5 m calibrated extension-cable length.
- Uses armored coaxial cable construction.
- Carries the proximity signal through miniature coaxial connections.
- Maintains the electrical-length relationship between probe and Proximitor sensor.

IMPORTANT NOTICE	Use the values as one matched configuration. Do not substitute a nearby ordering code without a separate check.

MANUFACTURER SOURCE CONTROLS

Manufacturer source	3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

ADDITIONAL ENGINEERING CHECKS

How should Bently Nevada 330130-035-01-CN be routed?	Maintain the permitted bend radius and keep the cable free from tension, abrasion and side load.
What verifies the repaired loop after installing Bently Nevada 330130-035-01-CN?	Confirm matched length, stable gap voltage, channel OK state and dynamic response.

System role and architecture

Probe lead → Extension cable → Matched connector → Signal conditioner

APPLICATION POINTS

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 position-measurement chain.

Maintenance replacement

Restore the exact cable length and construction used by the installed loop.

INTEGRATION RECORD

Identity	Record the complete marking and installed position.
Mechanical interface	Confirm mounting, support, clearance and connector engagement.
Electrical interface	Confirm signal path, shield, common and receiving-channel assignment.
Configuration	Retain the controlled channel settings and acceptance criteria.
Functional evidence	Record the expected static value, dynamic response and system status.

The extension cable must remain within its intended measurement or monitoring chain. Match its interfaces, wiring and channel configuration before returning protection to service.

ENGINEERING REVIEW QUESTIONS

What role does Bently Nevada 330130-035-01-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 330130-035-01-CN?	The selected cable length is 3.5 m.
Which cable construction applies to Bently Nevada 330130-035-01-CN?	It uses armored coaxial cable construction.
How is Bently Nevada 330130-035-01-CN matched to a Proximitor sensor?	Probe length plus extension-cable length must equal the Proximitor system length.

Engineering checks and acceptance

PRODUCT PRECAUTIONS

01	Confirm the complete 330130-035-01-CN marking 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.
07	Engage each connector fully and restore the specified environmental protection.
08	Verify static gap, OK status and dynamic signal response after reconnection.

RELEASE EVIDENCE

Exact identity	Product marking and intended system position agree.
Interface condition	Mounting, connectors, terminals and cable routing are secure.
Signal response	The expected static and dynamic behavior has been observed.
Protection state	Channel status, alarms and controlled bypass state are restored.

IMPORTANT NOTICE	Use the complete ordering string and verify every mating component before installation.

APPLICATION BOUNDARIES

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 position-measurement chain.
Maintenance replacement	Restore the exact cable length and construction used by the installed loop.

Technical questions and related models

MODEL-SPECIFIC QUESTIONS

What role does Bently Nevada 330130-035-01-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 330130-035-01-CN?	The selected cable length is 3.5 m.
Which cable construction applies to Bently Nevada 330130-035-01-CN?	It uses armored coaxial cable construction.
How is Bently Nevada 330130-035-01-CN matched to a Proximitor sensor?	Probe length plus extension-cable length must equal the Proximitor system length.
Can Bently Nevada 330130-035-01-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 330130-035-01-CN?	Check cleanliness, dryness, contact condition and full engagement.

RELATED MODELS ON APTERPOWER

Bently Nevada 330103-00-12-10-01-00	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330103-00-13-10-02-00	Related product reference. Compare the required interface and system position.
Bently Nevada 330103-00-14-05-02-00	Related product reference. Confirm the execution independently for the intended task.

SOURCE AND SELECTION RECORD

Manufacturer source	3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

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