

INDUSTRIAL AUTOMATION PRODUCT

330130-070-00-05

3300 XL 8 mm Extension Cable

Bently Nevada 330130-070-00-05 is a 7.0 m extension cable for a matched 3300 XL 8 mm Proximity Transducer System. It carries the probe signal to the installed Proximitior Sensor using the documented standard cable execution.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Part number	330130-070-00-05
Product role	Provides the documented 7.0 m extension-cable length
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Before removing 330130-070-00-05, record the complete marking, installed position, mating hardware, connectors, wiring and configured channel role. Restore the documented arrangement, review system diagnostics and complete a controlled functional test before release.

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Complete order number	330130-070-00-05	Agency-approval option	Multiple approvals
Nominal extension-cable length	7.0 m	System family	3300 XL 8 mm Proximity Transducer System
Cable execution	Standard cable		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Primary system role	Provides the documented 7.0 m extension-cable length
Connection boundary	Before removing 330130-070-00-05, record the complete marking, installed position, mating hardware, connectors, wiring and configured channel role. Restore the documented arrangement, review system diagnostics and complete a controlled functional test before release.
Controlled acceptance duty	Radial vibration transducer loops

ENGINEERING BOUNDARY

Confirm 330130-070-00-05, the complete 3300 XL 8 mm probe and Proximitor Sensor combination, 7.0 m cable execution, connector condition, total system length, routing, grounding, monitor configuration, static gap and controlled response-test results before commissioning.

Pre-Installation Checks

1	Confirm the complete 330130-070-00-05 marking and documented 7.0 m length before work.	2	Place the monitored machine and associated protection channel in the approved maintenance state.
3	Protect all miniature coaxial interfaces from dust, moisture and mechanical damage.	4	Route the standard cable cable without sharp bends, crushing or tensile loading.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	330130-070-00-05
Installed host	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Bently Nevada 330130-070-00-05 is a 7.0 m extension cable for a matched 3300 XL 8 mm Proximity Transducer System. It carries the probe signal to the installed Proximitor Sensor using the documented standard cable execution.

FUNCTION 1
Provides the documented 7.0 m extension-cable length

FUNCTION 2
Uses the Standard cable cable execution

FUNCTION 3
Maintains the 3300 XL 8 mm transducer-system electrical path

FUNCTION 4
Connects the matched probe lead to the installed Proximitor Sensor

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 3300 XL 8 mm Proximity Transducer System
2	7.0 m
3	Radial vibration transducer loops
4	Before removing 330130-070-00-05, record the complete marking, installed position, mating hardware, connectors, wiring and configured channel role. Restore the documented arrangement, review system diagnostics and complete a controlled functional test before release.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Interface role	Provides the documented 7.0 m extension-cable length
Field / power context	330130-070-00-05 is installed only in the documented Bently Nevada 3300 XL 8 mm Proximity Transducer System arrangement with its matching host, terminal, cable or field interface. Commissioning preserves the as-found configuration and uses controlled identity, connection, diagnostic and functional checks.
Commissioning evidence	Verify static gap, signal response and alarm action before returning the channel to service.

Installation and Connection Checks

1 Record probe, extension-cable and Proximitor Sensor identities before disconnection.

2 Confirm the approved total system length and connector seating at both ends.

3 Restore polarity and channel configuration before enabling dynamic measurements.

4 Verify static gap, signal response and alarm action before returning the channel to service.

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes publication 141194 Rev. AM

Applications and Engineering Context

Radial vibration transducer loops

Extends the matched probe connection to an installed 3300 XL 8 mm Proximitor Sensor.

Axial position monitoring

Preserves the engineered total system length for a thrust-position measurement channel.

Machine centerline observation

Routes a documented proximity signal from the machine casing to monitoring hardware.

Proximity-loop cable replacement

Restores the exact extension-cable execution without changing the approved transducer arrangement.

TECHNICAL NOTE

Before removing 330130-070-00-05, record the complete marking, installed position, mating hardware, connectors, wiring and configured channel role. Restore the documented arrangement, review system diagnostics and complete a controlled functional test before release.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	330130-070-00-05 recorded
Host / carrier	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Physical interface	Provides the documented 7.0 m extension-cable length
Configuration	Restore polarity and channel configuration before enabling dynamic measurements.
Functional proof	Verify static gap, signal response and alarm action before returning the channel to service.

IMPORTANT NOTICE

Confirm 330130-070-00-05, the complete 3300 XL 8 mm probe and Proximitor Sensor combination, 7.0 m cable execution, connector condition, total system length, routing, grounding, monitor configuration, static gap and controlled response-test results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	330130-070-00-05
Approved role	Radial vibration transducer loops
Final validation	Verify static gap, signal response and alarm action before returning the channel to service.

Engineering Precautions

- 1

Confirm the complete 330130-070-00-05 marking and documented 7.0 m length before work.
- 2

Place the monitored machine and associated protection channel in the approved maintenance state.
- 3

Protect all miniature coaxial interfaces from dust, moisture and mechanical damage.
- 4

Route the standard cable cable without sharp bends, crushing or tensile loading.
- 5

Record probe, extension-cable and Proximitor Sensor identities before disconnection.
- 6

Confirm the approved total system length and connector seating at both ends.
- 7

Restore polarity and channel configuration before enabling dynamic measurements.
- 8

Verify static gap, signal response and alarm action before returning the channel to service.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
330105-02-12-10-02-05	reverse-mount probe	View 330105-02-12-10-02-05 page
330130-080-00-00	extension cable	View 330130-080-00-00 page
330180-50-00	Proximitor Sensor	View 330180-50-00 page
3500/25	Keyphasor module	View 3500/25 page
3500/40M	Proximitor monitor	View 3500/40M page
3500/42M	monitor I/O module	View 3500/42M page
130118-0050-02	host-to-rack communication cable	View 130118-0050-02 page
3500/53	overspeed detection module	View 3500/53 page

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