

330171-00-12-10-01-CN

3300 5 mm Proximity Probe

Bently Nevada 330171-00-12-10-01-CN is the documented 3300 5 mm Proximity Probe for the matched Bently Nevada 3300 5 mm Proximity Transducer System.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 5 mm Proximity Transducer System
Part number	330171-00-12-10-01-CN
Product role	Exact article identity: Bently Nevada 330171-00-12-10-01-CN
Lifecycle	Installed product record

DOCUMENT SCOPE

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

MODEL-SPECIFIC ENGINEERING NOTE

Match 330171-00-12-10-01-CN to the documented host, physical interface and connection arrangement. Restore the recorded configuration and verify diagnostics and controlled channel response 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	330171-00-12-10-01-CN	Total lead length	1.0 m
Probe construction	Without armor	Connector and cable option	Miniature coaxial ClickLoc with connector protector, standard cable
Mounting thread	1/4-28 UNF	Approval option	China country-specific approval
Unthreaded length	0.0 in	Probe-tip diameter	5.2 mm
Overall case length	1.2 in	System linear range	2.0 mm (80 mils)

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 3300 5 mm Proximity Transducer System
Primary system role	Exact article identity: Bently Nevada 330171-00-12-10-01-CN
Connection boundary	Match 330171-00-12-10-01-CN to the documented host, physical interface and connection arrangement. Restore the recorded configuration and verify diagnostics and controlled channel response before release.
Controlled acceptance duty	Radial shaft-vibration measurement

ENGINEERING BOUNDARY

Confirm 330171-00-12-10-01-CN, host identity, hardware execution, interfaces, wiring, shielding, grounding, configuration, accessories and controlled functional-test results before commissioning.

Pre-Installation Checks

1	Confirm the complete Bently Nevada 330171-00-12-10-01-CN marking and installed position.	2	Place the machine and protection channel in the approved maintenance state.
3	Isolate the circuit and apply ESD-safe handling controls.	4	Record connectors, terminals, cable route, shielding and grounding.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	330171-00-12-10-01-CN
Installed host	Bently Nevada 3300 5 mm Proximity Transducer System
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Bently Nevada 330171-00-12-10-01-CN is the documented 3300 5 mm Proximity Probe for the matched Bently Nevada 3300 5 mm Proximity Transducer System.

FUNCTION 1

Exact article identity: Bently Nevada 330171-00-12-10-01-CN

FUNCTION 2

Documented component: 3300 5 mm Proximity Probe

FUNCTION 3

Installed family: Bently Nevada 3300 5 mm Proximity Transducer System

FUNCTION 4

Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 3300 5 mm Proximity Transducer System
2	Without armor
3	Radial shaft-vibration measurement
4	Match 330171-00-12-10-01-CN to the documented host, physical interface and connection arrangement. Restore the recorded configuration and verify diagnostics and controlled channel response before release.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 5 mm Proximity Transducer System
Interface role	Exact article identity: Bently Nevada 330171-00-12-10-01-CN
Field / power context	Use 330171-00-12-10-01-CN only with the documented Bently Nevada host system and matched interfaces. Preserve the as-found configuration during replacement and commissioning.
Commissioning evidence	Complete a controlled response and alarm test before service release.

Installation and Connection Checks

- 1

Verify the documented host, hardware execution and technical values.
- 2

Restore the approved interfaces and channel configuration.
- 3

Review bias, channel and monitor diagnostics after energization.
- 4

Complete a controlled response and alarm test before service release.

MANUFACTURER SOURCE RECORD

3300 5 mm Transducer System Datasheet
172036 Rev. T

Applications and Engineering Context

Radial shaft-vibration measurement

Measures shaft motion relative to the bearing housing in the matched proximity loop.

Axial position and thrust monitoring

Provides a documented noncontact sensing point for the configured position channel.

Machine shaft centerline observation

Supplies slow-roll and static-position information to the installed monitor.

Matched transducer-loop replacement

Restores the exact mechanical, lead and approval execution without changing loop identity.

TECHNICAL NOTE

Match 330171-00-12-10-01-CN to the documented host, physical interface and connection arrangement. Restore the recorded configuration and verify diagnostics and controlled channel response before release.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	330171-00-12-10-01-CN recorded
Host / carrier	Bently Nevada 3300 5 mm Proximity Transducer System
Physical interface	Exact article identity: Bently Nevada 330171-00-12-10-01-CN
Configuration	Review bias, channel and monitor diagnostics after energization.
Functional proof	Complete a controlled response and alarm test before service release.

IMPORTANT NOTICE

Confirm 330171-00-12-10-01-CN, host identity, hardware execution, interfaces, wiring, shielding, grounding, configuration, accessories and controlled functional-test results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	330171-00-12-10-01-CN
Approved role	Radial shaft-vibration measurement
Final validation	Complete a controlled response and alarm test before service release.

Engineering Precautions

- 1

Confirm the complete Bently Nevada 330171-00-12-10-01-CN marking and installed position.
- 2

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

Isolate the circuit and apply ESD-safe handling controls.
- 4

Record connectors, terminals, cable route, shielding and grounding.
- 5

Verify the documented host, hardware execution and technical values.
- 6

Restore the approved interfaces and channel configuration.
- 7

Review bias, channel and monitor diagnostics after energization.
- 8

Complete a controlled response and alarm test before service release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330104-05-12-10-02-00	Bently Nevada product	View Bently Nevada 330104-05-12-10-02-00 page
Bently Nevada 330103-00-09-20-02-00	Bently Nevada product	View Bently Nevada 330103-00-09-20-02-00 page
Bently Nevada 330901-00-24-05-02-05	Bently Nevada product	View Bently Nevada 330901-00-24-05-02-05 page
Bently Nevada 130938-04-10-01	Bently Nevada product	View Bently Nevada 130938-04-10-01 page
Bently Nevada 102044-00-48-10-05	Bently Nevada product	View Bently Nevada 102044-00-48-10-05 page
Bently Nevada 102046-50	Bently Nevada product	View Bently Nevada 102046-50 page
Bently Nevada 102045-040-00-05	Bently Nevada product	View Bently Nevada 102045-040-00-05 page
Bently Nevada 330101-10-44-05-02-05	Bently Nevada product	View Bently Nevada 330101-10-44-05-02-05 page

MANUFACTURER SOURCE RECORD

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