

INDUSTRIAL AUTOMATION PRODUCT

330103-00-04-10-02-CN

8 mm Probe

Bently Nevada 330103-00-04-10-02-CN is a 3300 XL 8 mm standard-mount proximity probe with an M10 x 1 thread, 40 mm case and 1.0 m system length. Retain the CN suffix from the physical marking because the current public datasheet does not decode it.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	330103-00-04-10-02-CN
Product role	8 mm Probe
System family	3300 XL 8 mm Proximity Transducer System
Country of origin	USA

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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330103-00-04-10-02-CN

Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	330103-00-04-10-02-CN
Probe style	330103 standard-mount probe without armor
Mounting thread	M10 x 1
Unthreaded length	00 = 0 mm
Overall case length	04 = 40 mm
Total system length	10 = 1.0 m
Connector option	02 = miniature coaxial ClickLoc, standard cable
Final suffix	CN retained from the complete physical marking; not decoded in the current public datasheet
Country of origin	USA

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Use only the complete Bently Nevada 330103-00-04-10-02-CN identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete Bently Nevada 330103-00-04-10-02-CN marking before work.
2	Review the current Bently Nevada source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.

System Role and Architecture

Bently Nevada 330103-00-04-10-02-CN is a 3300 XL 8 mm standard-mount proximity probe with an M10 x 1 thread, 40 mm case and 1.0 m system length. Retain the CN suffix from the physical marking because the current public datasheet does not decode it.

FUNCTION 1
8 mm sensing tip

FUNCTION 2
M10 x 1 mounting

FUNCTION 3
1.0 m system length

FUNCTION 4
ClickLoc connection

Common Applications

APPLICATION	ENGINEERING CONTEXT
Radial vibration	Measures shaft-relative vibration through a matched 3300 XL transducer chain.
Axial position	Measures static shaft position with approved mounting geometry.
Keyphasor reference	Supports speed and phase-reference measurement in the documented arrangement.
Machinery protection	Provides the probe element for compatible Bently Nevada monitoring channels.

CONTROLLED ACCEPTANCE DUTY

Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete Bently Nevada 330103-00-04-10-02-CN marking before work.
2	Review the current Bently Nevada source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.
6	Confirm the documented electrical and interface values for 330103-00-04-10-02-CN before energization.
7	Restore wiring, shielding, grounding and mechanical retention exactly as documented.
8	Run model-specific diagnostics and a controlled functional test before production release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Bently Nevada 330103-00-04-10-02-CN?	Bently Nevada 330103-00-04-10-02-CN is a 3300 XL 8 mm standard-mount proximity probe with an M10 x 1 thread, 40 mm case and 1.0 m system length. Retain the CN suffix from the physical marking because the current public datasheet does not decode it.
Which product family includes 330103-00-04-10-02-CN?	The official manufacturer record identifies it within the 3300 XL 8 mm Proximity Transducer System family.
Which exact identity must be retained?	Record the complete Bently Nevada 330103-00-04-10-02-CN marking; do not shorten or replace the suffix.
Which key technical value is documented?	Probe style: 330103 standard-mount probe without armor.

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What must be checked before removal?	Record the slot, connectors, terminals, companion hardware and configured function from the installed system.
Can a nearby model be substituted?	No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.
What installation controls are required?	Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement.
What confirms successful commissioning?	Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes / Bently Nevada publication 141194; 330103 ordering code and documented 00-04-10-02 options

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