

Installation Identity and Scope

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330103-00-04-10-02-CN
Manufacturer	Bently Nevada
Hardware type	8 mm Probe
System family	3300 XL 8 mm Proximity Transducer System
Official source	Baker Hughes / Bently Nevada publication 141194; 330103 ordering code and documented 00-04-10-02 options

CONTROLLED ENGINEERING COPY

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.

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330103-00-04-10-02-CN

Pre-Installation Plan

NO.	REQUIRED ACTION
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.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330103-00-04-10-02-CN
Physical interface	330103 8 mm probe
Companion check	Matched 3300 XL extension and Proximitior Sensor
Configuration	Approved bracket and cable route
Functional proof	AISI 4140 target and monitoring channel

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330103-00-04-10-02-CN exactly.
Installed position	Record rack, slot and mounting orientation.
Connectors	Label every keyed connector and terminal.
Companion hardware	Verify the documented controller, rack or field device.
Power	Confirm supply and isolation requirements.
Configuration	Back up parameters, firmware and network settings where applicable.
Grounding	Restore shielding and protective grounding.
Function	Run diagnostics and the controlled functional test.

CONFIGURATION 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.

Expected Technical Values

PARAMETER	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

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Bently Nevada 330103-00-04-10-02-CN is recorded without abbreviation.
Interface	Connectors, terminals and companion hardware match the approved record.
Configuration	Electrical, firmware and parameter values are verified.
Operation	Diagnostics and the controlled functional test are acceptable.

Technical Questions to Resolve

QUESTION	ENGINEERING 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.

Source and Controlled Release

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330103-00-04-10-02-CN recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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