

Installation Identity and Scope

Bently Nevada 330104-00-25-50-02-CN is a 3300 XL 8 mm proximity probe with an M10 x 1 mounting thread, 250 mm overall case length and 5.0 m total system length. It is the armored 330104 configuration with a miniature coaxial ClickLoc connector.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330104-00-25-50-02-CN
Manufacturer	Bently Nevada
Hardware type	Armored 8 mm Probe
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141194 Rev. AM

CONTROLLED ENGINEERING COPY

Use 330104-00-25-50-02-CN only with the documented 3300 XL 8 mm probe, extension cable and Proximitor Sensor combination. Verify the 0 mm unthreaded section, 250 mm case, 5.0 m electrical chain, connector condition, target material and static gap before release.

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330104-00-25-50-02-CN

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330104-00-25-50-02-CN marking before work.
2	Confirm the M10 x 1 thread and 250 mm case length.
3	Preserve the 5.0 m total probe, extension-cable and Proximitior length.
4	Protect the 8 mm tip and ClickLoc connector from impact and contamination.
5	Check bracket rigidity, thread engagement and cable routing.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330104-00-25-50-02-CN
Physical interface	Exact Bently Nevada 330104-00-25-50-02-CN nameplate and installed revision
Companion check	Documented Armored 8 mm Probe system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 129525-0050-02	View Bently Nevada 129525-0050-02
Bently Nevada 130530-0050-02	View Bently Nevada 130530-0050-02
Bently Nevada 130539-14	View Bently Nevada 130539-14
Bently Nevada 130539-15	View Bently Nevada 130539-15
Bently Nevada 130539-17	View Bently Nevada 130539-17

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330104-00-25-50-02-CN and the installed revision exactly.
Complete model	Verify the documented value: 330104-00-25-50-02-CN.
Probe family	Verify the documented value: 330104 metric standard-mount probe, armored.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Armored 8 mm Probe function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use 330104-00-25-50-02-CN only with the documented 3300 XL 8 mm probe, extension cable and Proximitor Sensor combination. Verify the 0 mm unthreaded section, 250 mm case, 5.0 m electrical chain, connector condition, target material and static gap before release.

Expected Technical Values

PARAMETER	VALUE
Complete model	330104-00-25-50-02-CN
Probe family	330104 metric standard-mount probe, armored
Probe tip	8 mm
Mounting thread	M10 x 1

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-20	View Bently Nevada 130539-20
Bently Nevada 130539-30	View Bently Nevada 130539-30

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330104-00-25-50-02-CN marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 330104-00-25-50-02-CN?	It is a 330104 3300 XL 8 mm M10 x 1 proximity probe supplied armored.
What mechanical lengths are encoded in Bently Nevada 330104-00-25-50-02-CN?	The ordering code specifies 0 mm unthreaded length and 250 mm overall case length.
What total system length is required for Bently Nevada 330104-00-25-50-02-CN?	Option 50 specifies a 5.0 m total transducer-system length.
Which connector is used by Bently Nevada 330104-00-25-50-02-CN?	Option 02 specifies the miniature coaxial ClickLoc connector with standard cable and no connector protector.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-34	View Bently Nevada 130539-34
Bently Nevada 130539-35	View Bently Nevada 130539-35
Bently Nevada 130539-45	View Bently Nevada 130539-45
Bently Nevada 130539-50	View Bently Nevada 130539-50
Bently Nevada 130539-72	View Bently Nevada 130539-72

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which mounting thread is used by Bently Nevada 330104-00-25-50-02-CN?	The 330104 metric probe uses an M10 x 1 thread.
Which approval option applies to Bently Nevada 330104-00-25-50-02-CN?	The final suffix is CN; the supported interpretation is cn order suffix; verify the current approval marking.
Which matched-system performance applies to Bently Nevada 330104-00-25-50-02-CN?	The official 3300 XL 8 mm system publishes a 2 mm linear range, 7.87 V/mm nominal scale factor and 0 to 10 kHz response when the complete matched system is used.
What confirms commissioning of Bently Nevada 330104-00-25-50-02-CN?	The full ordering code, mounting, electrical length, target, static gap, polarity and dynamic channel response must all agree with the approved installation record.

MANUFACTURER SOURCE RECORDS

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet - Baker Hughes / Bently Nevada publication 141194 Rev. AM

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330104-00-25-50-02-CN recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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