

Installation Identity and Scope

Bently Nevada 330103-00-13-10-02-00 is a 3300 XL 8 mm proximity probe with an M10 x 1 mounting thread, 130 mm overall case length and 1.0 m total system length. It is the without armor 330103 configuration with a miniature coaxial ClickLoc connector.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330103-00-13-10-02-00
Manufacturer	Bently Nevada
Hardware type	8 mm Probe
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141194 Rev. AM

CONTROLLED ENGINEERING COPY

Use 330103-00-13-10-02-00 only with the documented 3300 XL 8 mm probe, extension cable and Proximitor Sensor combination. Verify the 0 mm unthreaded section, 130 mm case, 1.0 m electrical chain, connector condition, target material and static gap before release.

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330103-00-13-10-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330103-00-13-10-02-00 marking before work.
2	Confirm the M10 x 1 thread and 130 mm case length.
3	Preserve the 1.0 m total probe, extension-cable and Proximitor 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	330103-00-13-10-02-00
Physical interface	Exact Bently Nevada 330103-00-13-10-02-00 nameplate and installed revision
Companion check	Documented 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 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

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330103-00-13-10-02-00 and the installed revision exactly.
Complete model	Verify the documented value: 330103-00-13-10-02-00.
Probe family	Verify the documented value: 330103 metric standard-mount probe, without armor.
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 8 mm Probe function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use 330103-00-13-10-02-00 only with the documented 3300 XL 8 mm probe, extension cable and Proximitar Sensor combination. Verify the 0 mm unthreaded section, 130 mm case, 1.0 m electrical chain, connector condition, target material and static gap before release.

Expected Technical Values

PARAMETER	VALUE
Complete model	330103-00-13-10-02-00
Probe family	330103 metric standard-mount probe, without armor
Probe tip	8 mm
Mounting thread	M10 x 1

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-99	View Bently Nevada 130539-99
Bently Nevada 130732-01	View Bently Nevada 130732-01

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330103-00-13-10-02-00 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 330103-00-13-10-02-00?	It is a 330103 3300 XL 8 mm M10 x 1 proximity probe supplied without armor.
What mechanical lengths are encoded in Bently Nevada 330103-00-13-10-02-00?	The ordering code specifies 0 mm unthreaded length and 130 mm overall case length.
What total system length is required for Bently Nevada 330103-00-13-10-02-00?	Option 10 specifies a 1.0 m total transducer-system length.
Which connector is used by Bently Nevada 330103-00-13-10-02-00?	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 130938-01-10-01	View Bently Nevada 130938-01-10-01
Bently Nevada 133434-01	View Bently Nevada 133434-01
Bently Nevada 133819-01	View Bently Nevada 133819-01
Bently Nevada 133827-01	View Bently Nevada 133827-01
Bently Nevada 134652-01	View Bently Nevada 134652-01

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which mounting thread is used by Bently Nevada 330103-00-13-10-02-00?	The 330103 metric probe uses an M10 x 1 thread.
Which approval option applies to Bently Nevada 330103-00-13-10-02-00?	The final suffix is 00; the supported interpretation is no agency approval.
Which matched-system performance applies to Bently Nevada 330103-00-13-10-02-00?	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 330103-00-13-10-02-00?	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	330103-00-13-10-02-00 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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