

Installation Identity and Scope

Bently Nevada 330103-00-11-50-02-00 is a 3300 XL 8 mm proximity probe with an M10 x 1 thread, 110 mm case and 5.0 m system length. It uses the miniature coaxial ClickLoc connector for the documented 3300 XL transducer chain.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330103-00-11-50-02-00
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 Rev. AM

CONTROLLED ENGINEERING COPY

Match the probe, extension cable and 5 m 3300 XL Proximity Sensor as one approved system. Confirm the AISI 4140 target, mounting geometry, total electrical length and connector condition before calibration or release.

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330103-00-11-50-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330103-00-11-50-02-00 marking.
2	Confirm the M10 x 1 mounting thread and 110 mm case length.
3	Use only the approved 5.0 m probe, extension and Proximitor combination.
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	330103-00-11-50-02-00
Physical interface	330103 8 mm probe and mounting bracket
Companion check	Matched 3300 XL extension cable
Configuration	5 m 3300 XL Proximitor Sensor
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	Confirm Bently Nevada 330103-00-11-50-02-00.
Thread	Verify M10 x 1 mounting.
Case	Confirm 110 mm overall length.
System length	Confirm the complete 5.0 m chain.
Connector	Inspect the miniature ClickLoc interface.
Target	Verify target material and geometry.
Gap	Set and record the static gap.
Response	Verify dynamic channel response.

CONFIGURATION BOUNDARY

Match the probe, extension cable and 5 m 3300 XL Proximity Sensor as one approved system. Confirm the AISI 4140 target, mounting geometry, total electrical length and connector condition before calibration or release.

Expected Technical Values

PARAMETER	VALUE
Complete model	330103-00-11-50-02-00
Probe family	330103 standard-mount probe without armor
Probe tip	8 mm
Mounting thread	M10 x 1

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete Bently Nevada model is recorded.
Mechanical	Probe, bracket and cable routing match the approved design.
Electrical	The matched 5 m transducer chain is intact.
Measurement	Static gap and dynamic response are acceptable.

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 330103-00-11-50-02-00?	It is a standard-mount 3300 XL 8 mm proximity probe with the documented M10 x 1 thread and 5.0 m system length.
What does 330103 identify?	It identifies the M10 x 1 standard-mount probe style without armor.
What case length is specified?	Option 11 identifies a 110 mm overall case length.
What system length is specified?	Option 50 identifies a 5.0 m total system length.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Bently Nevada 106M2686-01	View Bently Nevada 106M2686-01
Bently Nevada 107540-01A	View Bently Nevada 107540-01A
Bently Nevada 107770-03-03	View Bently Nevada 107770-03-03
Bently Nevada 109548-01-P1407030-00100	View Bently Nevada 109548-01-P1407030-00100
Bently Nevada 125065-12	View Bently Nevada 125065-12
Bently Nevada 125680-01	View Bently Nevada 125680-01
Bently Nevada 125704-01	View Bently Nevada 125704-01
Bently Nevada 125720-01	View Bently Nevada 125720-01

MANUFACTURER SOURCE RECORD

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330103-00-11-50-02-00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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