

Installation Identity and Scope

Bently Nevada 330701-00-25-90-02-00 is a 3300 XL 11 mm proximity probe with a 1/2-20 UNF thread, 2.5 in case and 9.0 m total system length. It uses a standard miniature coaxial ClickLoc connection without probe armor.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330701-00-25-90-02-00
Manufacturer	Bently Nevada
Hardware type	11 mm Proximity Probe
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 146256 Rev. T

CONTROLLED ENGINEERING COPY

Match the 9 m probe and extension-cable chain to the correct 3300 XL 11 mm Proximito Sensor. Verify the approved target, available linear travel, bracket, cable route and monitor-channel configuration before release.

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330701-00-25-90-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330701-00-25-90-02-00 marking.
2	Confirm the 1/2-20 UNF thread and 2.5 in case.
3	Preserve the complete 9.0 m probe and extension-cable chain.
4	Protect the 11 mm tip and ClickLoc connector.
5	Verify the target area supports the required linear range.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330701-00-25-90-02-00
Physical interface	Exact Bently Nevada 330701-00-25-90-02-00 nameplate and installed revision
Companion check	Documented 11 mm Proximity 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 144181-51-05	View Bently Nevada 144181-51-05
Bently Nevada 146054-034-20-02-05	View Bently Nevada 146054-034-20-02-05
Bently Nevada 146054-12-05-01-05	View Bently Nevada 146054-12-05-01-05
Bently Nevada 146054-32-05-01-05	View Bently Nevada 146054-32-05-01-05
Bently Nevada 146054-34-20-02-05	View Bently Nevada 146054-34-20-02-05

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330701-00-25-90-02-00 and the installed revision exactly.
Complete model	Verify the documented value: 330701-00-25-90-02-00.
Probe family	Verify the documented value: 330701 standard mount, 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 11 mm Proximity Probe function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Match the 9 m probe and extension-cable chain to the correct 3300 XL 11 mm Proximity Sensor. Verify the approved target, available linear travel, bracket, cable route and monitor-channel configuration before release.

Expected Technical Values

PARAMETER	VALUE
Complete model	330701-00-25-90-02-00
Probe family	330701 standard mount, without armor
Probe tip	11 mm
Mounting thread	1/2-20 UNF

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 146054-36-05-01-05	View Bently Nevada 146054-36-05-01-05
Bently Nevada 146055-10-02-00	View Bently Nevada 146055-10-02-00

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330701-00-25-90-02-00 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 330701-00-25-90-02-00?	It is a 3300 XL 11 mm standard-mount probe with a 1/2-20 UNF thread and no armor.
What lengths are encoded in Bently Nevada 330701-00-25-90-02-00?	The code specifies 0.0 in unthreaded length, a 2.5 in overall case and a 9.0 m total system length.
Which connector is used by Bently Nevada 330701-00-25-90-02-00?	Option 02 specifies the miniature coaxial ClickLoc connector with standard cable.
Which approval applies to Bently Nevada 330701-00-25-90-02-00?	The final 00 option specifies that agency approval is not required.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 146056-15-10-02-02-05	View Bently Nevada 146056-15-10-02-02-05
Bently Nevada 146056-38-10-02-02-05	View Bently Nevada 146056-38-10-02-02-05
Bently Nevada 147663-01	View Bently Nevada 147663-01
Bently Nevada 149844-01	View Bently Nevada 149844-01
Bently Nevada 149992-02	View Bently Nevada 149992-02

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
What is the matched-system range for Bently Nevada 330701-00-25-90-02-00?	The official 3300 XL 11 mm system publishes a 4.0 mm linear range.
What scale factor applies to Bently Nevada 330701-00-25-90-02-00?	The matched 11 mm system uses a nominal incremental scale factor of 3.94 V/mm (100 mV/mil).
What response band applies to Bently Nevada 330701-00-25-90-02-00?	The official matched system publishes a 0 to 8 kHz typical frequency response with approved field wiring.
What confirms commissioning of Bently Nevada 330701-00-25-90-02-00?	The 9 m chain, mechanical mounting, target, static gap and channel response must agree with the approved record.

MANUFACTURER SOURCE RECORDS

Bently Nevada 3300 XL 11 mm Proximity Transducer System Datasheet - Baker Hughes / Bently Nevada publication 146256 Rev. T

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330701-00-25-90-02-00 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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