

330701-00-25-90-02-00

11 mm Proximity Probe

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.

BRAND	Bently Nevada	MODEL	330701-00-25-90-02-00
PRODUCT	11 mm Proximity Probe	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 3300 XL 11 mm Proximity Transducer System Datasheet	RECORD	Baker Hughes / Bently Nevada publication 146256 Rev. T

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

11 mm non-contact probe tip

FUNCTION 2

1/2-20 UNF threaded mounting

FUNCTION 3

9.0 m matched transducer length

FUNCTION 4

4.0 mm published system range

APPLICATION	ENGINEERING CONTEXT
Axial position	Uses the longer system range for approved thrust-position measurement.
Ramp differential expansion	Measures documented ramp travel on steam turbines.
Rod position	Supports approved rod-position or rod-drop monitoring.
Speed reference	Supports documented tachometer and zero-speed applications.

Technical Data and Acceptance

PARAMETER	VERIFIED 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
Unthreaded length	0.0 in
Overall case length	2.5 in
Total system length	9.0 m
Connector option	Miniature coaxial ClickLoc, standard cable
Agency approval	Not required
Matched-system linear range	4.0 mm (160 mils)
Matched-system scale factor	3.94 V/mm (100 mV/mil), nominal
Matched-system frequency response	0 to 8 kHz, +0/-3 dB typical
Standard probe operating and storage temperature	-52 to +177 deg C

Acceptance Path

1 IDENTITY

The complete 330701-00-25-90-02-00 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 330701-00-25-90-02-00 marking.	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.
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.	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.
4	Protect the 11 mm tip and ClickLoc connector.		
5	Verify the target area supports the required linear range.	Which connector is used by Bently Nevada 330701-00-25-90-02-00?	Option 02 specifies the miniature coaxial ClickLoc connector with standard cable.
6	Check bracket rigidity and tip separation from adjacent probes.	Which approval applies to Bently Nevada 330701-00-25-90-02-00?	The final 00 option specifies that agency approval is not required.
7	Set and record the static gap with the current procedure.		
8	Verify static position and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 162381-064-028-50-05	View Bently Nevada 162381-064-028-50-05
Bently Nevada 162381-078-027-50-05	View Bently Nevada 162381-078-027-50-05
Bently Nevada 162381-138-040-90-05	View Bently Nevada 162381-138-040-90-05
Bently Nevada 16710-10	View Bently Nevada 16710-10
Bently Nevada 16710-14	View Bently Nevada 16710-14
Bently Nevada 16710-16	View Bently Nevada 16710-16

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 16710-18	View Bently Nevada 16710-18
Bently Nevada 16710-46	View Bently Nevada 16710-46
Bently Nevada 16710-50	View Bently Nevada 16710-50
Bently Nevada 16710-99	View Bently Nevada 16710-99
Bently Nevada 16925-10	View Bently Nevada 16925-10
Bently Nevada 16925-15	View Bently Nevada 16925-15
Bently Nevada 16925-21	View Bently Nevada 16925-21
Bently Nevada 16925-30	View Bently Nevada 16925-30

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