

330101-00-50-20-02-CN

8 mm Proximity Probe

Bently Nevada 330101-00-50-20-02-CN is a 330101 English standard-mount 3300 XL 8 mm proximity probe for shaft-relative vibration and position measurement. It uses the documented standard ClickLoc connection within a matched probe, cable and Proximitor Sensor chain.

BRAND	Bently Nevada	MODEL	330101-00-50-20-02-CN
PRODUCT	8 mm Proximity Probe	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet	RECORD	Baker Hughes / Bently Nevada publication 141194 Rev. AM

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 330101-00-50-20-02-CN is a 330101 English standard-mount 3300 XL 8 mm proximity probe for shaft-relative vibration and position measurement. It uses the documented standard ClickLoc connection within a matched probe, cable and Proximitor Sensor chain.

FUNCTION 1

330101 English standard-mount ordering family

FUNCTION 2

Unarmored probe construction

FUNCTION 3

standard ClickLoc connection

FUNCTION 4

Matched 3300 XL 8 mm signal chain

APPLICATION	ENGINEERING CONTEXT
Radial shaft vibration	Measures shaft-relative vibration through the approved matched transducer chain.
Axial position	Provides static shaft-position input with the approved target and gap.
Keyphasor reference	Supports documented phase and speed reference arrangements.
Machinery protection	Supplies a compatible Bently Nevada monitor channel with the conditioned proximity signal.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	330101-00-50-20-02-CN
System family	3300 XL 8 mm proximity transducer system
Probe construction	330101 English standard-mount; unarmored
Mounting format	3/8-24 UNF
Connector option	standard ClickLoc connection
Approval control	CN is retained from the supplied identity and must be verified against the physical approval marking.
Calibration target	AISI 4140 steel under published conditions
Nominal scale factor	7.87 V/mm (200 mV/mil) for the matched system
Frequency response	0 to 10 kHz, +0/-3 dB under published conditions
Standard probe temperature rating	-52 to +177 deg C

Acceptance Path

1 IDENTITY

The complete 330101-00-50-20-02-CN 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 330101-00-50-20-02-CN marking before work.	What is Bently Nevada 330101-00-50-20-02-CN?	It is a 330101 English standard-mount 3300 XL 8 mm proximity probe for a matched non-contacting transducer system.
2	Confirm the 3/8-24 UNF mounting format.		
3	Protect the standard ClickLoc connection from impact and contamination.		
4	Keep probe and cable routing isolated from damage and electrical interference	Which mounting format applies to Bently Nevada 330101-00-50-20-02-CN?	The official ordering family identifies the 3/8-24 UNF mounting format.
5	Use the documented target material or an approved correction.	Is Bently Nevada 330101-00-50-20-02-CN armored?	The documented probe construction is unarmored.
6	Match the probe, extension cable and Proximitior Sensor as one system.		
7	Set the static gap only with the current manufacturer procedure.	Which connector applies to Bently Nevada 330101-00-50-20-02-CN?	The ordering code identifies standard ClickLoc connection.
8	Verify polarity, gap voltage and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330909-00-60-10-02-00	View Bently Nevada 330909-00-60-10-02-00
Bently Nevada 330909-00-60-10-02-05	View Bently Nevada 330909-00-60-10-02-05
Bently Nevada 330910-00-05-10-02-00	View Bently Nevada 330910-00-05-10-02-00
Bently Nevada 330910-00-05-50-02-00	View Bently Nevada 330910-00-05-50-02-00
Bently Nevada 330910-00-07-05-02-05	View Bently Nevada 330910-00-07-05-02-05
Bently Nevada 330910-00-07-05-02-CN	View Bently Nevada 330910-00-07-05-02-CN

FAQ, Related Products and Sources

QUESTION	ANSWER
How should the approval suffix on Bently Nevada 330101-00-50-20-02-CN be handled?	CN is retained from the supplied identity and must be verified against the physical approval marking.
What target reference applies to Bently Nevada 330101-00-50-20-02-CN?	Published performance is referenced to the manufacturer-specified AISI 4140 steel target and matched 3300 XL 8 mm chain.
What signal performance applies to Bently Nevada 330101-00-50-20-02-CN?	The matched family publishes a nominal 7.87 V/mm scale factor and a 0 to 10 kHz response under the stated test conditions.
What confirms commissioning of Bently Nevada 330101-00-50-20-02-CN?	Verify the complete marking, compatible cable and Proximitor Sensor, connector condition, static gap, polarity and dynamic channel response.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330910-00-08-50-01-05	View Bently Nevada 330910-00-08-50-01-05
Bently Nevada 330910-00-09-10-01-00	View Bently Nevada 330910-00-09-10-01-00
Bently Nevada 330910-00-11-10-02-05	View Bently Nevada 330910-00-11-10-02-05
Bently Nevada 330910-00-12-05-02-00	View Bently Nevada 330910-00-12-05-02-00
Bently Nevada 330910-00-12-10-02-05	View Bently Nevada 330910-00-12-10-02-05
Bently Nevada 330910-00-13-05-02-00	View Bently Nevada 330910-00-13-05-02-00

MANUFACTURER SOURCE RECORDS

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

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