

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	330101-00-50-20-02-CN
Product role	8 mm Proximity Probe
System family	Industrial automation
Source record	Baker Hughes / Bently Nevada publication 141194 Rev. AM

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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Technical Specifications

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

ENGINEERING BOUNDARY

Use 330101-00-50-20-02-CN only in the documented matched 3300 XL 8 mm transducer chain. Verify the exact nameplate, 3/8-24 UNF mounting, standard ClickLoc connection, target material, static gap and channel response before release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330905-00-08-10-02-00	View Bently Nevada 330905-00-08-10-02-00
Bently Nevada 330905-00-09-10-02-00	View Bently Nevada 330905-00-09-10-02-00
Bently Nevada 330905-00-11-05-02-00	View Bently Nevada 330905-00-11-05-02-00
Bently Nevada 330905-00-12-05-02-05	View Bently Nevada 330905-00-12-05-02-05

System Role and Common Applications

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.

ACCEPTANCE DUTY
Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
1	Verify the complete 330101-00-50-20-02-CN marking before work.
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.
5	Use the documented target material or an approved correction.
6	Match the probe, extension cable and Proximito Sensor as one system.
7	Set the static gap only with the current manufacturer procedure.
8	Verify polarity, gap voltage and dynamic response before release.

QUESTION	ANSWER
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.
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.
Is Bently Nevada 330101-00-50-20-02-CN armored?	The documented probe construction is unarmored.
Which connector applies to Bently Nevada 330101-00-50-20-02-CN?	The ordering code identifies standard ClickLoc connection.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330905-00-12-05-02-RU	View Bently Nevada 330905-00-12-05-02-RU
Bently Nevada 330905-00-18-05-02-00	View Bently Nevada 330905-00-18-05-02-00
Bently Nevada 330905-00-18-05-02-CN	View Bently Nevada 330905-00-18-05-02-CN
Bently Nevada 330905-00-25-05-02-05	View Bently Nevada 330905-00-25-05-02-05
Bently Nevada 330905-00-25-05-12-CN	View Bently Nevada 330905-00-25-05-12-CN

FAQ, Related Products and Official 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 Proximity Sensor, connector condition, static gap, polarity and dynamic channel response.

MODEL	APTER POWER PAGE
Bently Nevada 330905-08-13-10-02-05	View Bently Nevada 330905-08-13-10-02-05
Bently Nevada 330906-02-12-05-02-05	View Bently Nevada 330906-02-12-05-02-05
Bently Nevada 330906-02-12-10-12-05	View Bently Nevada 330906-02-12-10-12-05

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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