

330180-90-CN

3300 XL 8 mm Proximitor Sensor

Bently Nevada 330180-90-CN is a panel-mount 3300 XL 8 mm Proximitor Sensor for a 9.0 m calibrated system length. Its CN suffix is a country-specific ordering option listed in the manufacturer approval guide.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330180-90-CN	FAMILY	3300 XL 8 mm Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL 8 mm Proximitor Sensor

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes publications 141194 Rev. AM and 108M1756 Rev. AV

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330180-90-CN

Product Overview

SYSTEM FUNCTION

Bently Nevada 330180-90-CN is a panel-mount 3300 XL 8 mm Proximito Sensor for a 9.0 m calibrated system length. Its CN suffix is a country-specific ordering option listed in the manufacturer approval guide.

NINE-METRE CALIBRATED SENSOR

Verified model-specific feature or controlled record item.

PANEL-MOUNT CONFIGURATION

Verified model-specific feature or controlled record item.

200 MV/MIL NOMINAL SCALE FACTOR

Verified model-specific feature or controlled record item.

COUNTRY-SPECIFIC CN ORDERING OPTION

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Mount 330180-90-CN on the documented panel with the required isolation and connect only a probe-plus-extension combination totaling 9 m. Verify supply, field wiring, CN marking, gap voltage and channel scaling before commissioning.

Technical Data and Acceptance

Acceptance Path

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Component	Proximitior Sensor
System length	9.0 m
Mounting option	Panel mount
Country option	CN
Nominal scale factor	7.87 V/mm (200 mV/mil)
Frequency response	0 to 10 kHz

1 IDENTITY

Record 330180-90-CN.

2 INTERFACE

Document mounting and connections.

3 CONFIGURATION

Confirm system and channel.

4 PROOF

Complete functional acceptance.

ENGINEERING BOUNDARY

Use the exact ordering-code values shown here together with the physical marking and installed-system record. Confirm mounting, connections and the configured channel before release.

Applications and Precautions

RADIAL VIBRATION SIGNAL CONDITIONING

Converts the matched probe loop into a monitor-compatible voltage.

STATIC SHAFT-POSITION CHANNEL

Provides the conditioned DC gap signal for position measurement.

KEYPHASOR OR SPEED INPUT

Supports reference and speed functions with an appropriate probe target.

PANEL RETROFIT

Restores a documented 9 m panel-mount Proximitor configuration.

Controlled Checks

NO.	CHECK
1	Verify the complete 330180-90-CN code and CN approval marking.
2	Use only a probe and extension cable whose combined length is exactly 9 m.
3	Mount the sensor on the documented panel and retain required electrical isolation.
4	Confirm the negative DC supply and common wiring before energizing.
5	Separate field wiring from noise sources and preserve cable shields and connector condition.
6	Set the probe gap within the published 2 mm linear range and confirm nominal scaling.
7	Check the CN option against the actual location and current approval requirements.
8	Record gap voltage, waveform, monitor scaling and protection-channel response before release.

FAQ, Related Products and Source

QUESTION	ANSWER
Which probe-and-cable combinations may be connected to 330180-90-CN?	Use an 8 mm probe and matching extension cable whose combined electrical length is 9 m.
Where is 330180-90-CN intended to be mounted?	Order code 90 specifies the nine-metre panel-mount Proximitor Sensor configuration.
What scale factor should the monitor use with 330180-90-CN?	The nominal average scale factor is 7.87 V/mm, equivalent to 200 mV/mil.
Which field output from 330180-90-CN represents probe gap?	The conditioned output voltage carries the static gap component and dynamic vibration signal for the connected monitor.
What frequency response should be proven for 330180-90-CN?	The published system response is 0 to 10 kHz within the specified tolerance.
How should radio-frequency interference be controlled around 330180-90-CN?	Use the manufacturer mounting, grounding, shielding and enclosure guidance and verify the installed noise floor.
What does CN require on the acceptance record for 330180-90-CN?	Record the physical country-specific marking and verify its suitability against current site approval requirements.
What is the correct radial-vibration gap target for a loop using 330180-90-CN?	Bias the matched 8 mm loop at approximately -9 V or 1.27 mm, then verify usable linear travel in the real installation.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330101-00-35-10-01-05	Bently Nevada machinery-monitoring component	Open
330101-00-36-10-01-00	Bently Nevada machinery-monitoring component	Open
330101-00-36-10-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-30-90-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-31-15-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-31-20-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-32-05-01-05	Bently Nevada machinery-monitoring component	Open
330101-00-34-10-02-05	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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