

330180-X1-CN MOD:143416-29

3300 XL Proximitior Sensor

Bently Nevada 330180-X1-CN MOD:143416-29 is a marked 3300 XL 8 mm Proximitior Sensor configuration. It conditions the matched proximity-probe signal while preserving its X1, CN and MOD identity.

BRAND	Bently Nevada	MODEL	330180-X1-CN MOD:143416-29
PRODUCT	3300 XL Proximitior Sensor	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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WHATSAPP / PHONE +86 180 3023 5313
 EMAIL sales13@apterpower.com
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Product Overview and Applications

SYSTEM FUNCTION

Bently Nevada 330180-X1-CN MOD:143416-29 is a marked 3300 XL 8 mm Proximator Sensor configuration. It conditions the matched proximity-probe signal while preserving its X1, CN and MOD identity.

FUNCTION 1

3300 XL 8 mm signal conditioning

FUNCTION 2

50 ohm output resistance

FUNCTION 3

Negative-DC powered interface

FUNCTION 4

Nameplate-controlled X1, CN and MOD identity

APPLICATION	ENGINEERING CONTEXT
Radial vibration conditioning	Conditions the matched probe signal for a monitor channel.
Axial position	Provides conditioned displacement output for a thrust channel.
Machine centerline	Supports static shaft-position trending with the matched system.
Monitor restoration	Restores a documented conditioning position and bias response.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	330180-X1-CN MOD:143416-29
Manufacturer series	330180 Proximito Sensor
Compatible probe input	3300-series 5 mm or 3300 XL 8 mm matched probe chain
X1 configuration	Resolve from physical nameplate and installed mounting
CN control	Retain supplied suffix and verify current marking
MOD identity	143416-29; not decoded in publication 141194
Power without barriers	-17.5 to -26 Vdc
Maximum consumption	12 mA
Output resistance	50 ohm
Nominal scale factor	7.87 V/mm for the standard matched system
Frequency response	0 to 10 kHz under published conditions

Acceptance Path

1 IDENTITY

The complete 330180-X1-CN MOD:143416-29 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 entire 330180-X1-CN MOD:143416-29 marking.	What is Bently Nevada 330180-X1-CN MOD:143416-29?	It is a marked 330180 3300 XL 8 mm Proximity Sensor configuration.
2	Resolve X1 from the installed unit and approved record.	Which probe family can Bently Nevada 330180-X1-CN MOD:143416-29 condition?	The 330180 family conditions a compatible 3300-series 5 mm or 3300 XL 8 mm probe and extension cable.
3	Do not assign a function to MOD 143416-29 without manufacturer confirmation		
4	Retain and verify the CN marking.	How should X1 be handled for Bently Nevada 330180-X1-CN MOD:143416-29?	Resolve the X1 configuration from the physical nameplate and installed mounting; do not infer it from another unit.
5	Match the probe and extension cable to the actual sensor configuration.		
6	Provide the documented negative DC supply.	How should the CN suffix be handled for Bently Nevada 330180-X1-CN MOD:143416-29?	Retain CN exactly and verify the approval marking against the supplied nameplate and current manufacturer documentation.
7	Preserve shielded field wiring and grounding.		
8	Verify static position, dynamic response, polarity and alarm action before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-16-10-00-167-04-02	View Bently Nevada 21000-16-10-00-167-04-02
Bently Nevada 21000-16-10-15-057-03-02	View Bently Nevada 21000-16-10-15-057-03-02
Bently Nevada 21000-16-10-15-102-03-02	View Bently Nevada 21000-16-10-15-102-03-02
Bently Nevada 21000-16-10-15-114-03-02	View Bently Nevada 21000-16-10-15-114-03-02
Bently Nevada 21000-16-10-15-144-03-02	View Bently Nevada 21000-16-10-15-144-03-02
Bently Nevada 21000-28-05-00-021-03-02	View Bently Nevada 21000-28-05-00-021-03-02

FAQ, Related Products and Sources

QUESTION	ANSWER
What does the MOD identity mean for Bently Nevada 330180-X1-CN MOD:143416-29?	MOD 143416-29 is not decoded by publication 141194, so it must remain a controlled nameplate identity.
What power applies to Bently Nevada 330180-X1-CN MOD:143416-29?	The 330180 family uses a negative DC supply within the manufacturer-published limits and consumes 12 mA maximum.
What output characteristics apply to Bently Nevada 330180-X1-CN MOD:143416-29?	The standard matched family publishes 50 ohm output resistance and a nominal 7.87 V/mm scale factor.
What confirms commissioning of Bently Nevada 330180-X1-CN MOD:143416-29?	Resolve X1, retain the MOD and CN markings, then verify the matched chain, supply, gap voltage, polarity and dynamic response.

MANUFACTURER SOURCE RECORDS

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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-28-05-00-031-01-02	View Bently Nevada 21000-28-05-00-031-01-02
Bently Nevada 21000-28-05-00-041-03-02	View Bently Nevada 21000-28-05-00-041-03-02
Bently Nevada 21000-28-05-00-050-03-02	View Bently Nevada 21000-28-05-00-050-03-02
Bently Nevada 21000-28-05-00-052-03-02	View Bently Nevada 21000-28-05-00-052-03-02
Bently Nevada 21000-28-05-00-070-01-02	View Bently Nevada 21000-28-05-00-070-01-02
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