

Installation Identity and Scope

Bently Nevada 330180-X1-CN MOD:145004-141 is a marked 3300 XL 8 mm Proximito Sensor configuration. It conditions the matched proximity-probe signal while preserving its X1, CN and MOD identity.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330180-X1-CN MOD:145004-141
Manufacturer	Bently Nevada
Hardware type	3300 XL Proximito Sensor
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141194 Rev. AM

CONTROLLED ENGINEERING COPY

Publication 141194 defines the 330180 family but does not decode MOD 145004-141 or resolve X1. Record the complete nameplate and installed mounting; do not infer a MOD function or direct replacement without manufacturer confirmation.

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330180-X1-CN MOD:145004-141

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the entire 330180-X1-CN MOD:145004-141 marking.
2	Resolve X1 from the installed unit and approved record.
3	Do not assign a function to MOD 145004-141 without manufacturer confirmation.
4	Retain and verify the CN marking.
5	Match the probe and extension cable to the actual sensor configuration.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330180-X1-CN MOD:145004-141
Physical interface	Exact Bently Nevada 330180-X1-CN MOD:145004-141 nameplate and installed revision
Companion check	Documented 3300 XL Proximitors Sensor system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-34-05-00-022-03-02	View Bently Nevada 21000-34-05-00-022-03-02
Bently Nevada 21000-34-05-00-036-03-02	View Bently Nevada 21000-34-05-00-036-03-02
Bently Nevada 21000-34-05-00-040-03-02	View Bently Nevada 21000-34-05-00-040-03-02
Bently Nevada 21000-34-05-00-056-04-02	View Bently Nevada 21000-34-05-00-056-04-02
Bently Nevada 21000-34-10-00-054-04-02	View Bently Nevada 21000-34-10-00-054-04-02

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330180-X1-CN MOD:145004-141 and the installed revision exactly.
Complete model	Verify the documented value: 330180-X1-CN MOD:145004-141.
Manufacturer series	Verify the documented value: 330180 Proximitors Sensor.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete 3300 XL Proximitors Sensor function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Publication 141194 defines the 330180 family but does not decode MOD 145004-141 or resolve X1. Record the complete nameplate and installed mounting; do not infer a MOD function or direct replacement without manufacturer confirmation.

Expected Technical Values

PARAMETER	VALUE
Complete model	330180-X1-CN MOD:145004-141
Manufacturer series	330180 Proximitors 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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-34-10-00-078-04-02	View Bently Nevada 21000-34-10-00-078-04-02
Bently Nevada 21000-34-10-20-058-04-02	View Bently Nevada 21000-34-10-20-058-04-02

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330180-X1-CN MOD:145004-141 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 330180-X1-CN MOD:145004-141?	It is a marked 330180 3300 XL 8 mm Proximito Sensor configuration.
Which probe family can Bently Nevada 330180-X1-CN MOD:145004-141 condition?	The 330180 family conditions a compatible 3300-series 5 mm or 3300 XL 8 mm probe and extension cable.
How should X1 be handled for Bently Nevada 330180-X1-CN MOD:145004-141?	Resolve the X1 configuration from the physical nameplate and installed mounting; do not infer it from another unit.
How should the CN suffix be handled for Bently Nevada 330180-X1-CN MOD:145004-141?	Retain CN exactly and verify the approval marking against the supplied nameplate and current manufacturer documentation.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-34-10-20-062-04-02	View Bently Nevada 21000-34-10-20-062-04-02
Bently Nevada 21504-000-16-05-02	View Bently Nevada 21504-000-16-05-02
Bently Nevada 21504-32-56-10-02	View Bently Nevada 21504-32-56-10-02
Bently Nevada 21505-00-12-05-02	View Bently Nevada 21505-00-12-05-02
Bently Nevada 24701-16-05-033-04-02	View Bently Nevada 24701-16-05-033-04-02

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
What does the MOD identity mean for Bently Nevada 330180-X1-CN MOD:145004-141?	MOD 145004-141 is not decoded by publication 141194, so it must remain a controlled nameplate identity.
What power applies to Bently Nevada 330180-X1-CN MOD:145004-141?	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:145004-141?	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:145004-141?	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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330180-X1-CN MOD:145004-141 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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