

Installation Identity and Scope

Bently Nevada 330180-X1-05 MOD: 145004-132 is a marked 3300 XL 8 mm Proximito Sensor configuration. It conditions the matched proximity-probe signal for static position and dynamic vibration measurement while preserving a nameplate-controlled MOD identity.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330180-X1-05 MOD: 145004-132
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 145004-132 or resolve the X1 wildcard. Record the physical nameplate, mounting style and complete probe-plus-extension length; do not infer a MOD function or direct replacement without manufacturer confirmation.

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330180-X1-05 MOD: 145004-132

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the entire 330180-X1-05 MOD: 145004-132 marking.
2	Resolve the X1 total-length and mounting configuration from the installed item.
3	Do not assign a function to MOD 145004-132 without manufacturer confirmation.
4	Match the probe and extension cable to the actual Proximity sensor system length.
5	Provide the documented negative DC supply and observe barrier limits.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330180-X1-05 MOD: 145004-132
Physical interface	Exact Bently Nevada 330180-X1-05 MOD: 145004-132 nameplate and installed revision
Companion check	Documented 3300 XL Proximity 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 1900-27-03	View Bently Nevada 1900-27-03
Bently Nevada 1900-55	View Bently Nevada 1900-55
Bently Nevada 1900-65A	View Bently Nevada 1900-65A
Bently Nevada 1900-65A-167699-02	View Bently Nevada 1900-65A-167699-02
Bently Nevada 1900-65A-167699-02-034712	View Bently Nevada 1900-65A-167699-02-034712

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 330180-X1-05 MOD: 145004-132 and the installed revision exactly.
Complete model	Verify the documented value: 330180-X1-05 MOD: 145004-132.
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 145004-132 or resolve the X1 wildcard. Record the physical nameplate, mounting style and complete probe-plus-extension length; do not infer a MOD function or direct replacement without manufacturer confirmation.

Expected Technical Values

PARAMETER	VALUE
Complete model	330180-X1-05 MOD: 145004-132
Manufacturer series	330180 Proximitors Sensor
Compatible probe input	3300-series 5 mm or 3300 XL 8 mm probe and extension cable
Total length / mounting code	X1; resolve from physical nameplate and installed mounting

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 190501-00-00-CN	View Bently Nevada 190501-00-00-CN
Bently Nevada 190501-10-00-00	View Bently Nevada 190501-10-00-00

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 330180-X1-05 MOD: 145004-132 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-X1-05 MOD: 145004-132?	It is a marked 3300 XL 8 mm Proximity Sensor configuration with a nameplate-controlled MOD identity.
Which transducer family uses Bently Nevada 330180-X1-05 MOD: 145004-132?	It conditions one supported 3300-series 5 mm or 3300 XL 8 mm probe and extension cable.
What does X1 mean in Bently Nevada 330180-X1-05 MOD: 145004-132?	The official catalog uses the AA block for total system length and mounting; the X1 wildcard must be resolved from the physical nameplate and installed arrangement.
Which approval applies to Bently Nevada 330180-X1-05 MOD: 145004-132?	The 05 suffix identifies the published multiple-approval option; the exact installed approval must be checked against the supplied marking.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 190501-12-00-01	View Bently Nevada 190501-12-00-01
Bently Nevada 128608-02	View Bently Nevada 128608-02
Bently Nevada 1900-65A-00-00-01-00-00	View Bently Nevada 1900-65A-00-00-01-00-00
Bently Nevada 1900-65A-00-01-01-00-00	View Bently Nevada 1900-65A-00-01-01-00-00
Bently Nevada 1900-65A-01-01-03-00-00	View Bently Nevada 1900-65A-01-01-03-00-00

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
What does MOD 145004-132 mean for Bently Nevada 330180-X1-05 MOD: 145004-132?	The current public 141194 ordering table does not decode that MOD; retain it exactly and obtain manufacturer confirmation before substitution.
What power is required by Bently Nevada 330180-X1-05 MOD: 145004-132?	The 3300 XL 8 mm Proximity family requires -17.5 to -26 Vdc without barriers at 12 mA maximum, with the documented barrier range where applicable.
What output characteristics apply to Bently Nevada 330180-X1-05 MOD: 145004-132?	The standard matched family publishes 50 ohm output resistance, a 2 mm linear range and 7.87 V/mm nominal scale factor.
What confirms commissioning of Bently Nevada 330180-X1-05 MOD: 145004-132?	Resolve X1, retain the MOD, match the probe-chain length, then verify 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-X1-05 MOD: 145004-132 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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