

330180-X1-05 MOD: 145004-132

3300 XL Proximitior Sensor

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

BRAND	Bently Nevada	MODEL	330180-X1-05 MOD: 145004-132
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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 531

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330180-X1-05 MOD: 145004-132

Product Overview and Applications

SYSTEM FUNCTION

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

FUNCTION 1

3300 XL 8 mm signal conditioning

FUNCTION 2

2 mm published standard range

FUNCTION 3

Up to 305 m documented field wiring

FUNCTION 4

Nameplate-controlled X1 and MOD identity

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

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	330180-X1-05 MOD: 145004-132
Manufacturer series	330180 Proximitor 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
Agency approval option	05 = multiple approvals; verify installed marking
MOD identity	145004-132; not decoded in publication 141194
Power without barriers	-17.5 to -26 Vdc
Maximum consumption	12 mA
Output resistance	50 ohm
Standard matched-system linear range	2 mm (80 mils)
Nominal scale factor	7.87 V/mm (200 mV/mil)
Frequency response	0 to 10 kHz, +0/-3 dB, with approved field wiring
Field wiring reach	Up to 305 m under documented conditions
Operating temperature	-52 to +100 deg C

Acceptance Path

1 IDENTITY

The complete 330180-X1-05 MOD: 145004-132 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-X1-05 MOD: 145004-132 marking.	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.
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.	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.
4	Match the probe and extension cable to the actual Proximity system length.	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.
5	Provide the documented negative DC supply and observe barrier limits.		
6	Preserve 3-conductor shielded field wiring and grounding.		
7	Set and record probe gap only after confirming target and travel.	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.
8	Prove static position, dynamic response, polarity and alarm action before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 1900-65A-01-01-03-00-01	View Bently Nevada 1900-65A-01-01-03-00-01
Bently Nevada 190501-00-00-04	View Bently Nevada 190501-00-00-04
Bently Nevada 190501-02-99-00-711480	View Bently Nevada 190501-02-99-00-711480
Bently Nevada 190501-04-00-00	View Bently Nevada 190501-04-00-00
Bently Nevada 190501-04-00-04	View Bently Nevada 190501-04-00-04
Bently Nevada 190501-12-00-02	View Bently Nevada 190501-12-00-02

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 190501-12-00-04	View Bently Nevada 190501-12-00-04
Bently Nevada 190501-12-99-04	View Bently Nevada 190501-12-99-04
Bently Nevada 200150-02-CN	View Bently Nevada 200150-02-CN
Bently Nevada 200150-06-CN	View Bently Nevada 200150-06-CN
Bently Nevada 200150-09-CN	View Bently Nevada 200150-09-CN
Bently Nevada 200150-14-05	View Bently Nevada 200150-14-05
Bently Nevada 200150-06-05	View Bently Nevada 200150-06-05
Bently Nevada 200150-09-05	View Bently Nevada 200150-09-05

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330180-X1-05 MOD: 145004-132