

APTER POWER INSTALLATION & VERIFICATION REFERENCE

330180-X1-05 MOD:145347-05

Special-MOD signal-loop field checklist

Use this checklist to verify the full special-build identity, matched probe system, negative supply, signal path, mounting and approval evidence before installation or substitution.

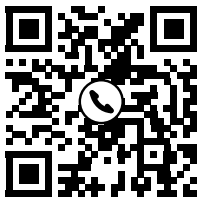
Manufacturer	Bently Nevada
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Verified signal paths for dependable machinery protection

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SCAN FOR PRODUCT & QUOTE
330180-X1-05 MOD:145347-05

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 330180-X1-05 MOD:145347-05 to the physical nameplate and quotation.
2	MOD evidence	Obtain the manufacturer record or MOD drawing for 145347-05; do not decode X1 from the standard order table.
3	Mechanical	Published standard-family sensor envelopes: panel mount 81.3 x 61.0 x 63.5 mm; DIN mount 89.4 x 35.1 x 70.8 mm. Exact X1 mounting and packed-carton dimensions are not published; verify MOD drawing 145347-05.
4	System matching	A 3300 XL 8 mm proximity probe and extension cable whose combined length matches the Proximity Sensor system calibration stated on the physical unit.
5	Power and signal	Verify negative supply polarity, supply range, field-wire shielding, output polarity and monitor scale.
6	Approval	Confirm the option-05 nameplate, entity parameters, barrier and applicable hazardous-area drawing.
7	Commissioning	Record gap voltage, vibration or position scaling, functional test, technician and date.

Product-Specific Precautions

- Do not translate X1 into a standard 1 m, 5 m or 9 m system-length or mounting option without the MOD 145347-05 drawing or physical nameplate.
- Match the probe plus extension-cable length to the sensor calibration shown on the physical unit before energizing the loop.
- Use the published negative supply polarity and verify -17.5 to -26 Vdc, or the barrier-specific -23 to -26 Vdc requirement, before connection.
- Separate shielded signal wiring from power conductors and ground the shield according to the current Bently Nevada installation drawing.
- Confirm the option-05 certification marking, entity parameters, barrier, ambient rating and hazardous-area drawing before installation.

2. Wiring and Commissioning Record

Record item	Site entry
Physical model / suffix / MOD	
Serial and hardware revision	
Confirmed system length and mount	
Matched probe and extension cable	
Supply voltage and polarity	
Gap voltage and channel scaling	
Barrier / approval drawing	
Functional test result	
Technician / date	

Source Basis

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM. The standard ordering table confirms the 330180 family and approval option 05; X1 and MOD 145347-05 require the physical nameplate or manufacturer modification drawing for exact special-build details.

Important Notice

This Apter Power checklist is not a Bently Nevada installation instruction. The current manufacturer documentation, physical nameplate, MOD drawing, machine drawing and applicable safety rules control all work.

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