330180-X1-05 MOD:145193-01

Exact-identity installation and commissioning guide

PRODUCT SCOPE

Bently Nevada 330180-X1-05 MOD:145193-01 is a special-marked 3300 XL 8 mm Proximitor Sensor for a matched proximity transducer system. The published 330180 family conditions the probe-and-extension-cable signal for machinery vibration and position monitoring.

Verified installation basis

Product family	3300 XL 8 mm Proximity Transducer System
Component role	Proximitor Sensor
Complete special marking	330180-X1-05 MOD:145193-01
Standard family ordering format	330180-AA-BB
System components	One 3300 XL 8 mm probe, one extension cable and one Proximitor Sensor
Measured values	Static position and dynamic vibration
Field wiring	0.2 to 1.5 mm2 (16 to 24 AWG) shielded triad

Verified related ApterPower product pages

Bently Nevada 330101-00-53-10-12-05

Bently Nevada 330101-00-16-05-11-05

Pre-work control

Record the installed system before any disconnection

Required checks

- Record the complete 330180-X1-05 MOD:145193-01 marking and rack channel.
- Use the approved safe-work and monitoring-system isolation procedure.
- Identify the connected probe, extension cable, target and monitor before removal.
- Do not decode X1 or MOD:145193-01 from the standard AA-BB ordering table.
- Preserve cable routing, shielding, connector protection and grounding.
- Verify the installed supply and field-wiring arrangement before reconnection.

HOLD POINT

Confirm the complete Bently Nevada 330180-X1-05 MOD:145193-01 nameplate and approved ordering record before installation or replacement.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

Bently Nevada 330101-30-60-10-02-05

Bently Nevada 330101-00-60-10-02-00

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record the complete 330180-X1-05 MOD:145193-01 marking and rack channel.

2 ISOLATE

Use the approved safe-work and monitoring-system isolation procedure.

3 RECORD

Identify the connected probe, extension cable, target and monitor before removal.

4 VERIFY

Do not decode X1 or MOD:145193-01 from the standard AA-BB ordering table.

5 INSTALL

Preserve cable routing, shielding, connector protection and grounding.

6 RESTORE

Verify the installed supply and field-wiring arrangement before reconnection.

CONFIGURATION CONTROL

Use this special-marked sensor only with the approved probe, extension cable, target material and monitor configuration. Preserve the full X1 and MOD:145193-01 identity because the public standard ordering table does not decode those special markings. Record the installed gap voltage and complete an approved monitor-channel acceptance test after service.

Verified related ApterPower product pages

Bently Nevada 330101-00-26-05-01-05

Bently Nevada 330101-00-49-90-12-05

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record the complete 330180-X1-05 MOD:145193-01 marking and rack channel.
Configuration	Verify the installed supply and field-wiring arrangement before reconnection.
Physical installation	Restore the documented gap voltage and monitor-channel configuration.
Functional acceptance	Complete a controlled vibration, position or reference-channel acceptance test.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

- Bently Nevada 330101-30-63-15-02-CN
- Bently Nevada 330101-00-18-10-02-00
- Bently Nevada 330102-00-40-10-01-05
- Bently Nevada 330102-00-40-05-01-00

Handover record

Traceable evidence for the installed product

Final acceptance

- Preserve cable routing, shielding, connector protection and grounding.
- Verify the installed supply and field-wiring arrangement before reconnection.
- Restore the documented gap voltage and monitor-channel configuration.
- Complete a controlled vibration, position or reference-channel acceptance test.

Manufacturer evidence used

- Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, document 141194 Revision AN.
- Published 330180-AA-BB Proximitor Sensor family ordering information and installation conditions.
- Installed nameplate and approved special-order record are required for the unresolved X1 and MOD markings.

Verified related ApterPower product pages

Bently Nevada 330103-00-12-10-01-00

Bently Nevada 330180-90-00

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