Bently Nevada

330180-X1-05 MOD:143416-02

3300 XL Proximitor Sensor

Bently Nevada 330180-X1-05 MOD:143416-02 is a 3300 XL Proximitor Sensor marking for a matched 8 mm proximity-transducer chain. The X1 field and MOD:143416-02 marking must be retained literally and compared with the installed sensor, probe and extension cable.

System position

Exact identity	System family	Functional role	Release basis
330180-X1-05 MOD:143416-02	3300 XL 8 mm Proximity Transducer System	Proximitor Sensor	Recorded test and diagnostics

Keep the hardware and configuration identities together

330180-X1-05 MOD:143416-02 conditions the matched probe signal for the connected monitoring channel while the complete nameplate, transducer length and target basis remain controlled as one measurement chain.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Complete marking	330180-X1-05 MOD:143416-02
Base model	330180 Proximitor Sensor
System family	3300 XL 8 mm
Configuration field	X1 retained literally
Approval field	05 retained literally
Modification marking	MOD:143416-02 retained literally

Technical evidence record: 141194 Rev. AL

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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Interfaces and integration

Define the installed role

330180-X1-05 MOD:143416-02 conditions the matched probe signal for the connected monitoring channel while the complete nameplate, transducer length and target basis

Complete marking	330180-X1-05 MOD:143416-02
Base model	330180 Proximitor Sensor
System family	3300 XL 8 mm

Map the host relationship

The complete 330180-X1-05 MOD:143416-02 identity is matched to the host position, companion hardware and retained engineering record before any connection is

Host	3300 XL 8 mm Proximity Transducer System
Primary role	signal conditioning in a matched 3300 XL 8 mm
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded 3300 XL 8 mm Proximity Transducer System position, connected interfaces

Acceptance evidence

Release 330180-X1-05 MOD:143416-02 only after diagnostics and a controlled functional result are

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Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE
Complete marking	330180-X1-05 MOD:143416-02
Base model	330180 Proximitor Sensor
System family	3300 XL 8 mm
Configuration field	X1 retained literally
Approval field	05 retained literally

PARAMETER	VALUE
Modification marking	MOD:143416-02 retained literally
Mounting forms	DIN rail or panel
Field terminals	SpringLoc terminal strips
System match	Probe, extension cable and target basis
Acceptance	Gap, channel response and diagnostics

Identity decision

Accept only the complete 330180-X1-05 MOD:143416-02 marking and the recorded hardware execution.

Host decision

Confirm the receiving 3300 XL 8 mm Proximity Transducer System position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of signal conditioning in a matched 3300 XL 8 mm proximity measurement chain before handover.

Engineering boundary

Use 330180-X1-05 MOD:143416-02 only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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330180-X1-05 MOD:143416-02

Controls and service logic

Installed-system renewal

Restores the documented 330180-X1-05 MOD:143416-02 position while keeping the approved

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of signal conditioning in a matched 3300 XL 8 mm

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 330180-X1-05 MOD:143416-02 and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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330180-X1-05 MOD:143416-02

Engineering decisions

What does 330180-X1-05 MOD:143416-02 identify?

330180-X1-05 MOD:143416-02 identifies the 3300 xl proximitor sensor used for signal conditioning in a matched 3300 XL 8 mm proximity measurement chain.

Which installed system must 330180-X1-05 MOD:143416-02 match?

Match 330180-X1-05 MOD:143416-02 to the recorded 3300 XL 8 mm Proximity Transducer System host, position and companion hardware.

Which markings must be checked on 330180-X1-05 MOD:143416-02?

Verify the complete 330180-X1-05 MOD:143416-02 text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing 330180-X1-05 MOD:143416-02?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Can 330180-X1-05 MOD:143416-02 be replaced by appearance alone?

No. 330180-X1-05 MOD:143416-02 requires an exact identity and interface match against the installed-system record.

How should 330180-X1-05 MOD:143416-02 be isolated?

Use the approved maintenance state, remove connected energy and prove the affected circuit safe.

Related Apter Power pages

- Bently Nevada 9200 03 02 02 00 — View product page
- Bently Nevada 9200 01 02 02 00 — View product page
- Bently Nevada 74712 06 03 04 00 — View product page

Technical evidence record: 141194 Rev. AL

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