

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330180-X1-05 MOD:145004-57

Modified Proximitior Sensor

CONTROLLED ENGINEERING COPY

X1 and MOD:145004-57 are custom identities; do not infer the system length or mounting from a standard 330180 option table. Verify the nameplate and controlled drawing.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330180-X1-05 MOD:145004-57
Manufacturer part	330180-X1-05 MOD:145004-57
Hardware type	330180 Proximitior Sensor
System family	3300 XL 8 mm Proximity Transducer System



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330180-X1-05 MOD:145004-57 marking and its assigned 3300 XL 8 mm Proximity Transducer System position before work.
- 2

Place the connected radial vibration conditioning process in the approved maintenance state.
- 3

Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4

Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5

Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.

MATCHED HARDWARE

- matched 3300 XL 8 mm probe and extension cable
- documented custom mounting and system-length arrangement
- approved field wiring
- configured monitor channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330180-X1-05 MOD:145004-57 / 330180-X1-05 MOD:145004-57 recorded
Physical interface	matched 3300 XL 8 mm probe and extension cable
Companion check	documented custom mounting and system-length arrangement
Functional proof	Conditions a matched 3300 XL 8 mm transducer signal
Application test	Radial vibration conditioning



02 WIRING & INTERFACE CHECKS

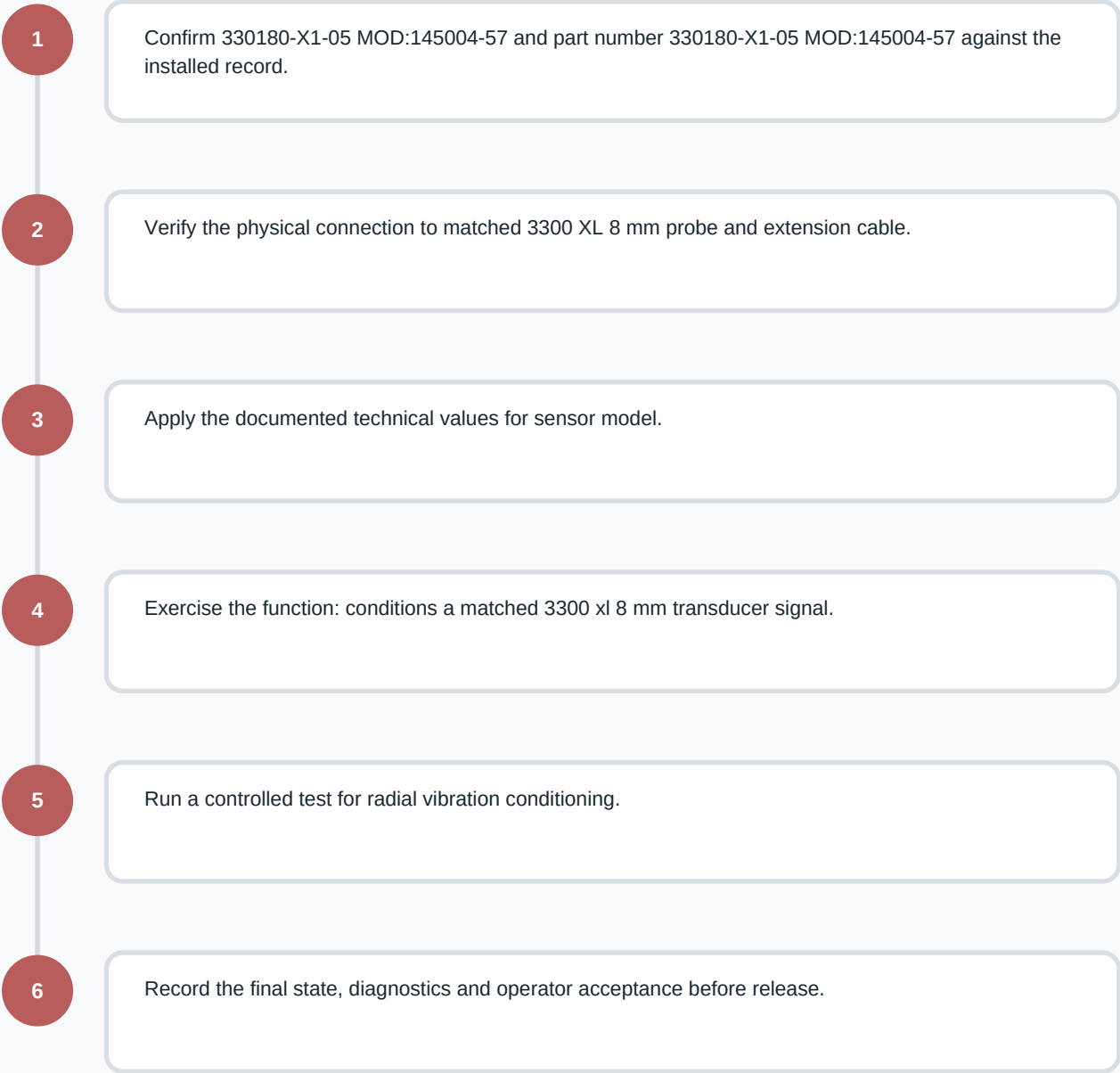
CHECK ITEM	REQUIRED VALUE
sensor model	330180 Proximitior Sensor
custom option	X1; verify from nameplate and controlled drawing
modification identity	MOD:145004-57
agency-approval option	05, CSA/ATEX/IECEX
supply without barriers	-17.5 to -26 V DC; 12 mA maximum
supply with barriers	-23 to -26 V DC
output resistance	50 ohm
maximum monitor field-wire length	305 m (1000 ft)
system linear range	2.0 mm (80 mils)
incremental scale factor	7.87 V/mm (200 mV/mil)
frequency response	0 to 10 kHz, +0/-3 dB

FIELD NOTE

X1 and MOD:145004-57 are custom identities; do not infer the system length or mounting from a standard 330180 option table. Verify the nameplate and controlled drawing.



03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330180-X1-05 MOD:145004-57 / 330180-X1-05 MOD:145004-57 recorded
Physical interface	matched 3300 XL 8 mm probe and extension cable
Companion check	documented custom mounting and system-length arrangement
Functional proof	Conditions a matched 3300 XL 8 mm transducer signal
Application test	Radial vibration conditioning



04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed matched 3300 XL 8 mm probe and extension cable and documented custom mounting and system-length arrangement against the approved project record.
- ☐
- Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- ☐
- Prove the intended axial position conditioning function and retain the final controlled acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330180-X1-05 MOD:145004-57
INSTALLED POSITION	Documented 3300 XL 8 mm Proximity Transducer System position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Invensys 9853 610	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 9761 210	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 9662 810	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 4000103 510	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 3700A	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 3000510 180	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 9771 210	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 9563 810	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 3805E	Bently Nevada monitoring product	Open Bently Nevada page
Invensys 9753 110	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

3300 XL 8 mm Proximity Transducer System Datasheet
141194 Rev. AM

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

