

330780-90-00

Proximitior Sensor

CONTROLLED ENGINEERING COPY

Only pair 330780-90-00 with documented 9 m 3300 XL 11 mm probe-plus-extension assemblies and preserve calibration identity.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330780-90-00
Manufacturer part	330780-90-00
Hardware type	3300 XL 11 mm
System family	Bently Nevada 3300 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 330780-90-00 marking and its assigned Bently Nevada 3300 System position before work.
- 2

Place the connected long-range thrust position process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- Bently Nevada 3300 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330780-90-00 / 330780-90-00 recorded
Physical interface	Bently Nevada 3300 System
Companion check	the documented companion module
Functional proof	Conditions an 11 mm proximity system
Application test	Long-range thrust position

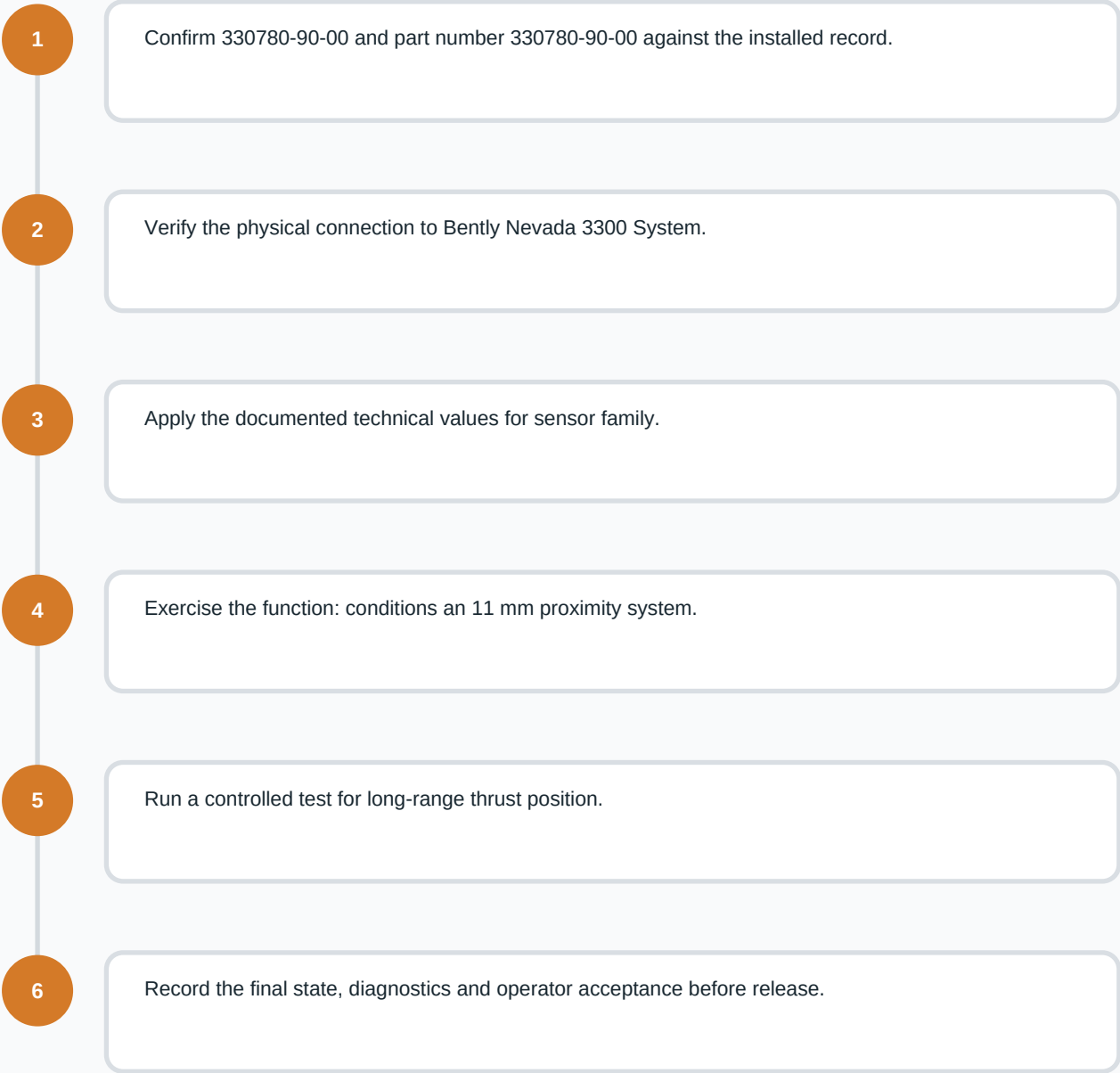
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
sensor family	3300 XL 11 mm
sensor model	330780
system length	9.0 m
mounting	panel mount
agency approval option	not required
nominal system sensitivity	3.94 V/mm (100 mV/mil)
linear range	4.0 mm from approximately 0.5 to 4.5 mm
field wiring limit	305 m between sensor and monitor
terminal style	SpringLoc terminal strips

FIELD NOTE

Only pair 330780-90-00 with documented 9 m 3300 XL 11 mm probe-plus-extension assemblies and preserve calibration identity.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330780-90-00 / 330780-90-00 recorded
Physical interface	Bently Nevada 3300 System
Companion check	the documented companion module
Functional proof	Conditions an 11 mm proximity system
Application test	Long-range thrust position

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed Bently Nevada 3300 System and the documented companion module against the approved project.
- ☐ Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐ Prove the intended ramp differential expansion function and retain the final acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330780-90-00
INSTALLED POSITION	Documented Bently Nevada 3300 System position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE IC693CHS397	Related industrial automation product	View GE IC693CHS397 page
GE IC200MDL241	Related industrial automation product	View GE IC200MDL241 page
GE IC697CMM742	Related industrial automation product	View GE IC697CMM742 page
GE IC697CHS790	Related industrial automation product	View GE IC697CHS790 page
GE IC698PSA350	Related industrial automation product	View GE IC698PSA350 page
Honeywell MC TSTX03 51309140 175	Related industrial automation product	View Honeywell MC TSTX03 51309140 175 page
GE IC695CPE305	Related industrial automation product	View GE IC695CPE305 page
Schneider Electric AD4000189 530	Related industrial automation product	View Schneider Electric AD4000189 530 page

SOURCE IDENTIFIERS

3300 XL 11 mm Proximity Transducer System Datasheet
146256 Rev. T

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