

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330851-06-000-070-10-00-05

25 mm Probe

CONTROLLED ENGINEERING COPY

Verify the 61 mm minimum target, M39 x 1.5 mounting, 70 mm case, system length, gap and matched 25 mm Proximity Sensor before release.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330851-06-000-070-10-00-05
Manufacturer part	330851-06-000-070-10-00-05
Hardware type	3300 XL 25 mm
System family	3300 XL 25 mm Proximity Transducer System



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330851-06-000-070-10-00-05 marking and its assigned 3300 XL 25 mm Proximity Transducer System position before work.
- 2

Place the connected large-range axial position 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 25 mm extension cable
- compatible 3300 XL 25 mm Proximity Sensor
- approved large target surface
- configured position channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330851-06-000-070-10-00-05 / 330851-06-000-070-10-00-05 recorded
Physical interface	matched 3300 XL 25 mm extension cable
Companion check	compatible 3300 XL 25 mm Proximity Sensor
Functional proof	Provides the 25 mm long-range transducer function
Application test	Large-range axial position



02 WIRING & INTERFACE CHECKS

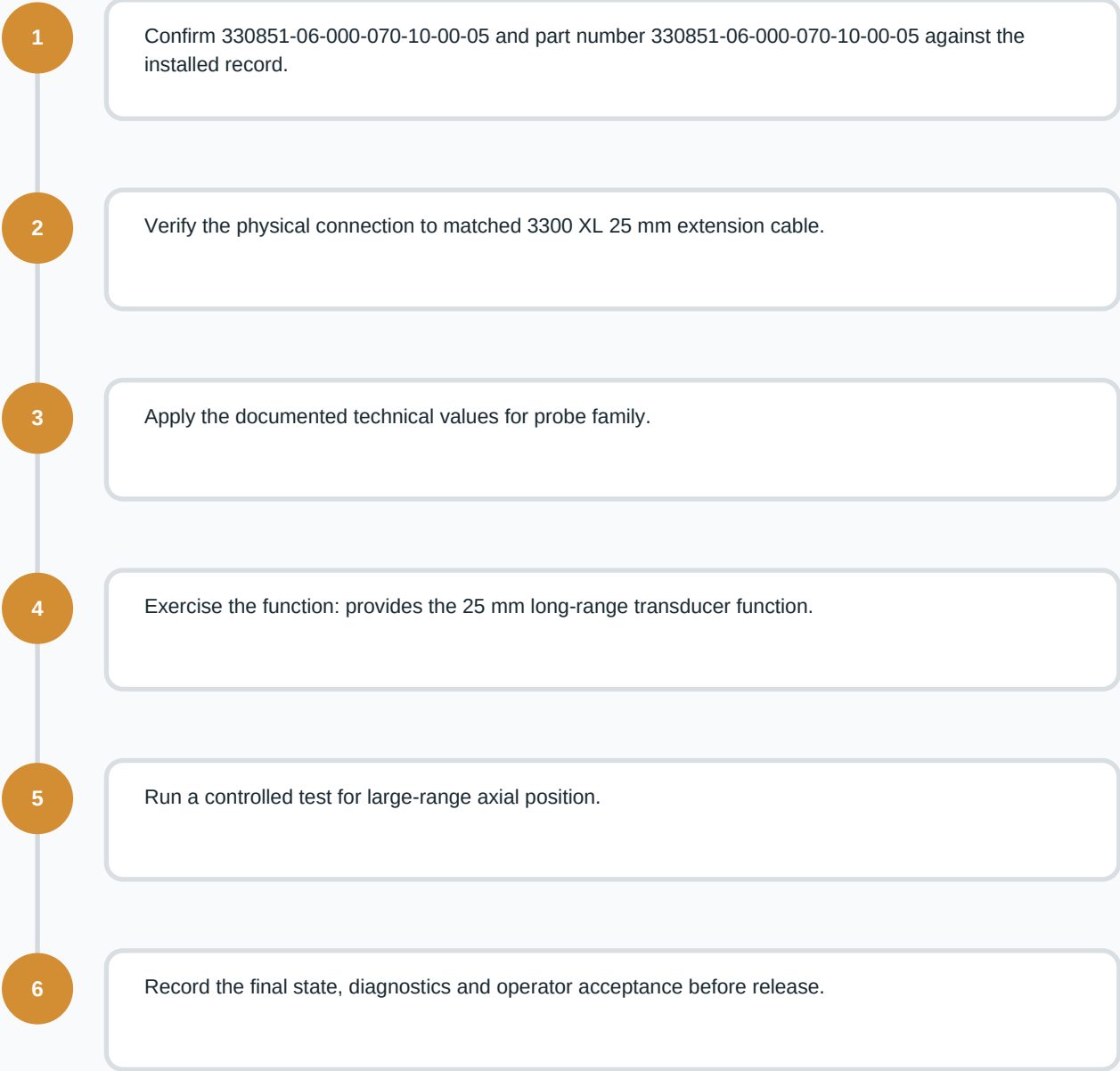
CHECK ITEM	REQUIRED VALUE
probe family	3300 XL 25 mm
mounting thread	M39 x 1.5
unthreaded length	0 mm
overall case length	70 mm
total probe-lead length	1.0 m
armor option	00, without armor
agency-approval option	05, multiple approvals
linear measurement range	12.7 mm (500 mils)
incremental scale factor	0.787 V/mm (20 mV/mil)
frequency response	0 to 2.7 kHz
minimum target diameter	61 mm

FIELD NOTE

Verify the 61 mm minimum target, M39 x 1.5 mounting, 70 mm case, system length, gap and matched 25 mm Proximitor Sensor before release.



03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330851-06-000-070-10-00-05 / 330851-06-000-070-10-00-05 recorded
Physical interface	matched 3300 XL 25 mm extension cable
Companion check	compatible 3300 XL 25 mm Proximitor Sensor
Functional proof	Provides the 25 mm long-range transducer function
Application test	Large-range axial position



04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed matched 3300 XL 25 mm extension cable and compatible 3300 XL 25 mm Proximity Sensor against the approved project record.
- ☐ Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- ☐ Prove the intended differential expansion function and retain the final controlled acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330851-06-000-070-10-00-05
INSTALLED POSITION	Documented 3300 XL 25 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
Honeywell 51199942 300	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell MC PDIS12	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51304511 100	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51303940 250	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell WEB 600	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell MU KBFT02	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 8C TDODB1	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell CC GDIL01	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell FC USI 0001 V1 0	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell CC PAOH01	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

3300 XL 25 mm Proximity Transducer System Datasheet
163236 Rev. M

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