

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330703-000-050-10-02-00

3300 XL 11 mm metric proximity probe

CONTROLLED ENGINEERING COPY

Check the 50 mm case envelope and thread engagement before installation, secure the probe without twisting its lead, complete the five-metre matched loop and confirm the required static gap and monitor polarity.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330703-000-050-10-02-00
Manufacturer part	330703-000-050-10-02-00
Hardware type	330703-000-050-10-02-00
System family	3300 XL 11 mm Proximity Transducer System



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330703-000-050-10-02-00 marking and its documented 3300 XL 11 mm Proximity Transducer System position before field work.
- 2

Place the monitored machine and associated protection channel in the approved maintenance state before disconnecting 3300 XL 11 mm metric proximity probe.
- 3

Protect every exposed connector and cable end from oil, moisture, dirt and impact while 330703-000-050-10-02-00 is open.
- 4

Record probe, extension-cable and Proximitior Sensor identities so the calibrated system length is preserved.
- 5

Route 330703-000-050-10-02-00 without sharp bends, crushing, abrasion or tensile loading at either coaxial termination.

MATCHED HARDWARE

- five-metre 3300 XL 11 mm Proximitior Sensor
- four-metre 330730 extension cable
- threaded probe mounting bracket
- compatible position or vibration monitor

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330703-000-050-10-02-00 / 330703-000-050-10-02-00 recorded
Physical interface	five-metre 3300 XL 11 mm Proximitior Sensor
Companion check	four-metre 330730 extension cable
Functional proof	Fits a 50 mm overall case envelope
Application test	Tight-clearance axial position loops

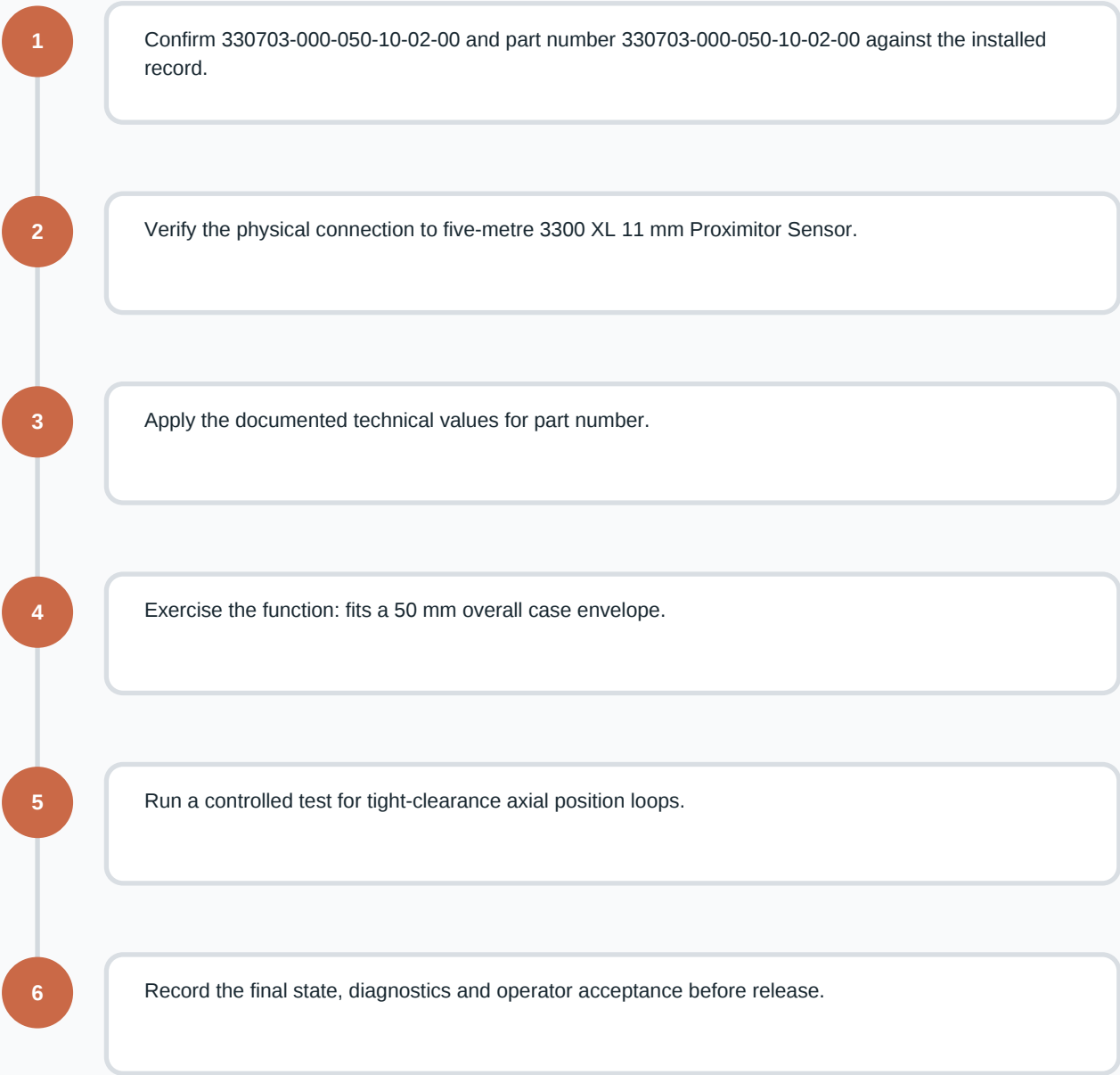
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	330703-000-050-10-02-00
Probe thread	M14 x 1.5
Cable armor	None
Unthreaded length	0 mm
Overall case length	50 mm
Total probe length	1.0 m
Connector	Miniature coaxial ClickLoc
Connector protector	Not included
Agency approval option	00
Probe resistance	5.9 +/- 0.5 ohm
Probe tip material	PPS
Probe case material	AISI 304 stainless steel
Cable impedance	75 ohm triaxial
Minimum bend radius	25.4 mm (1.0 in)

FIELD NOTE

Check the 50 mm case envelope and thread engagement before installation, secure the probe without twisting its lead, complete the five-metre matched loop and confirm the required static gap and monitor polarity.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330703-000-050-10-02-00 / 330703-000-050-10-02-00 recorded
Physical interface	five-metre 3300 XL 11 mm Proximity Sensor
Companion check	four-metre 330730 extension cable
Functional proof	Fits a 50 mm overall case envelope
Application test	Tight-clearance axial position loops

04 RETURN-TO-SERVICE RECORD

- ☐
- Clean and finger-tighten each ClickLoc connection; never transfer connector torque or wiring practice from a different transducer family.
- ☐
- Set the static gap only after mechanical mounting and the complete matched loop have been confirmed.
- ☐
- Verify polarity, dynamic response and alarm action before returning the machinery-protection channel to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	330703-000-050-10-02-00
INSTALLED POSITION	Documented 3300 XL 11 mm Proximity Transducer 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
330102-00-85-10-01-05	Related Bently Nevada product	View 330102-00-85-10-01-05 page
330102-00-11-10-01-05	Related Bently Nevada product	View 330102-00-11-10-01-05 page
330102-00-80-10-01-05	Related Bently Nevada product	View 330102-00-80-10-01-05 page
330101-00-35-10-01-05	Related Bently Nevada product	View 330101-00-35-10-01-05 page
330104-06-14-10-02-00	Related Bently Nevada product	View 330104-06-14-10-02-00 page
21000-16-05-00-080-04-02	Related Bently Nevada product	View 21000-16-05-00-080-04-02 page
330102-00-70-10-02-00	Related Bently Nevada product	View 330102-00-70-10-02-00 page
330903-00-11-10-01-CN	Related Bently Nevada product	View 330903-00-11-10-01-CN page

SOURCE IDENTIFIERS

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

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