

330730-040-00-00

3300 XL 11 mm standard extension cable

CONTROLLED ENGINEERING COPY

Confirm that probe length plus 330730-040-00-00 equals the Proximity Sensor system length, keep both ClickLoc interfaces clean and finger-tight, and support the cable above the minimum bend radius before loop verification.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330730-040-00-00
Manufacturer part	330730-040-00-00
Hardware type	330730-040-00-00
System family	3300 XL 11 mm Proximity Transducer System



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330730-040-00-00 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 standard extension cable.
- 3

Protect every exposed connector and cable end from oil, moisture, dirt and impact while 330730-040-00-00 is open.
- 4

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

Route 330730-040-00-00 without sharp bends, crushing, abrasion or tensile loading at either coaxial termination.

MATCHED HARDWARE

- 3300 XL 11 mm probe
- five-metre 3300 XL 11 mm Proximitior Sensor
- ClickLoc connector pair
- compatible Bently Nevada monitor channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330730-040-00-00 / 330730-040-00-00 recorded
Physical interface	3300 XL 11 mm probe
Companion check	five-metre 3300 XL 11 mm Proximitior Sensor
Functional proof	Provides four metres of system cable length
Application test	Radial shaft-vibration loops

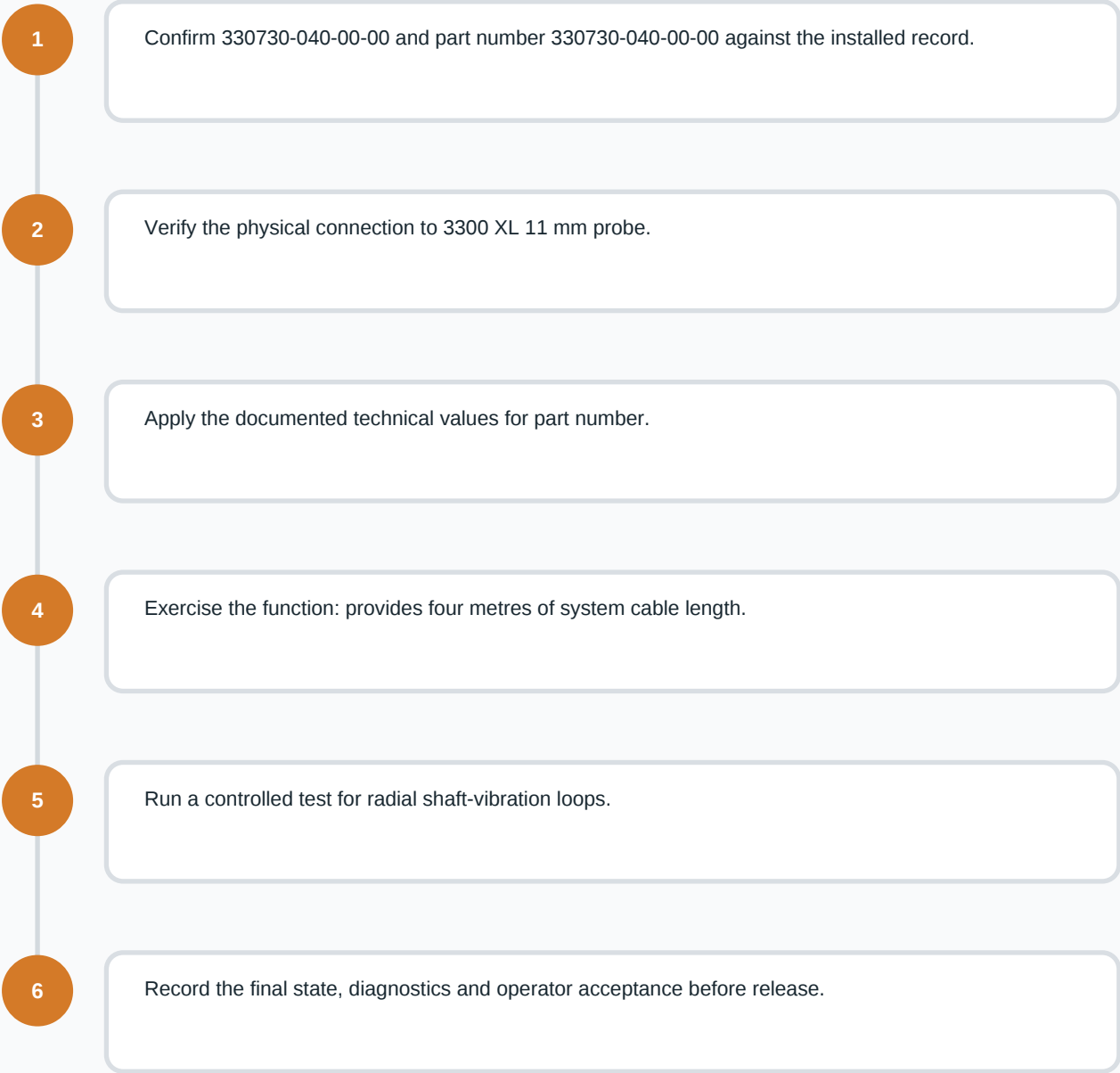
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	330730-040-00-00
Cable length	4.0 m (13.1 ft)
Cable construction	Standard cable
Agency approval option	00
Cable impedance	75 ohm triaxial
Cable insulation	FEP
Core resistance	1.0 +/- 0.25 ohm
Jacket resistance	0.3 +/- 0.1 ohm
Capacitance	69.9 pF/m typical
Minimum bend radius	25.4 mm (1.0 in)
Maximum connector torque	0.565 N m (5 in lbf)

FIELD NOTE

Confirm that probe length plus 330730-040-00-00 equals the Proximito Sensor system length, keep both ClickLoc interfaces clean and finger-tight, and support the cable above the minimum bend radius before loop verification.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330730-040-00-00 / 330730-040-00-00 recorded
Physical interface	3300 XL 11 mm probe
Companion check	five-metre 3300 XL 11 mm Proximity Sensor
Functional proof	Provides four metres of system cable length
Application test	Radial shaft-vibration 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	330730-040-00-00
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
3300-12-02-20-00	Related Bently Nevada product	View 3300-12-02-20-00 page
130768-01	Related Bently Nevada product	View 130768-01 page
4300111	Related Bently Nevada product	View 4300111 page
125565-01	Related Bently Nevada product	View 125565-01 page
125388-01	Related Bently Nevada product	View 125388-01 page
330104-03-06-10-02-00	Related Bently Nevada product	View 330104-03-06-10-02-00 page
330104-00-15-10-02-00	Related Bently Nevada product	View 330104-00-15-10-02-00 page
330104-00-12-10-02-00	Related Bently Nevada product	View 330104-00-12-10-02-00 page

SOURCE IDENTIFIERS

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

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