

330130-080-12-05

3300 XL 8 mm FluidLoc extension cable with connector protector

CONTROLLED ENGINEERING COPY

Verify the required total system length before connecting 330130-080-12-05, keep the protected ClickLoc joint free of oil and contamination, and route the FluidLoc cable without crushing, kinking or tensile load.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330130-080-12-05
Manufacturer part	330130-080-12-05
Hardware type	330130-080-12-05
System family	3300 XL 8 mm Proximity Transducer System



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 330130-080-12-05 marking and its documented 3300 XL 8 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 8 mm FluidLoc extension cable with connector protector.
- 3

Protect every exposed connector and cable end from oil, moisture, dirt and impact while 330130-080-12-05 is open.
- 4

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

Route 330130-080-12-05 without sharp bends, crushing, abrasion or tensile loading at either coaxial termination.

MATCHED HARDWARE

- 3300 XL 8 mm probe
- matched 3300 XL Proximitor Sensor
- ClickLoc coaxial connectors
- compatible vibration or position monitor

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330130-080-12-05 / 330130-080-12-05 recorded
Physical interface	3300 XL 8 mm probe
Companion check	matched 3300 XL Proximitor Sensor
Functional proof	Provides eight metres of extension length
Application test	Oil-film bearing vibration monitoring

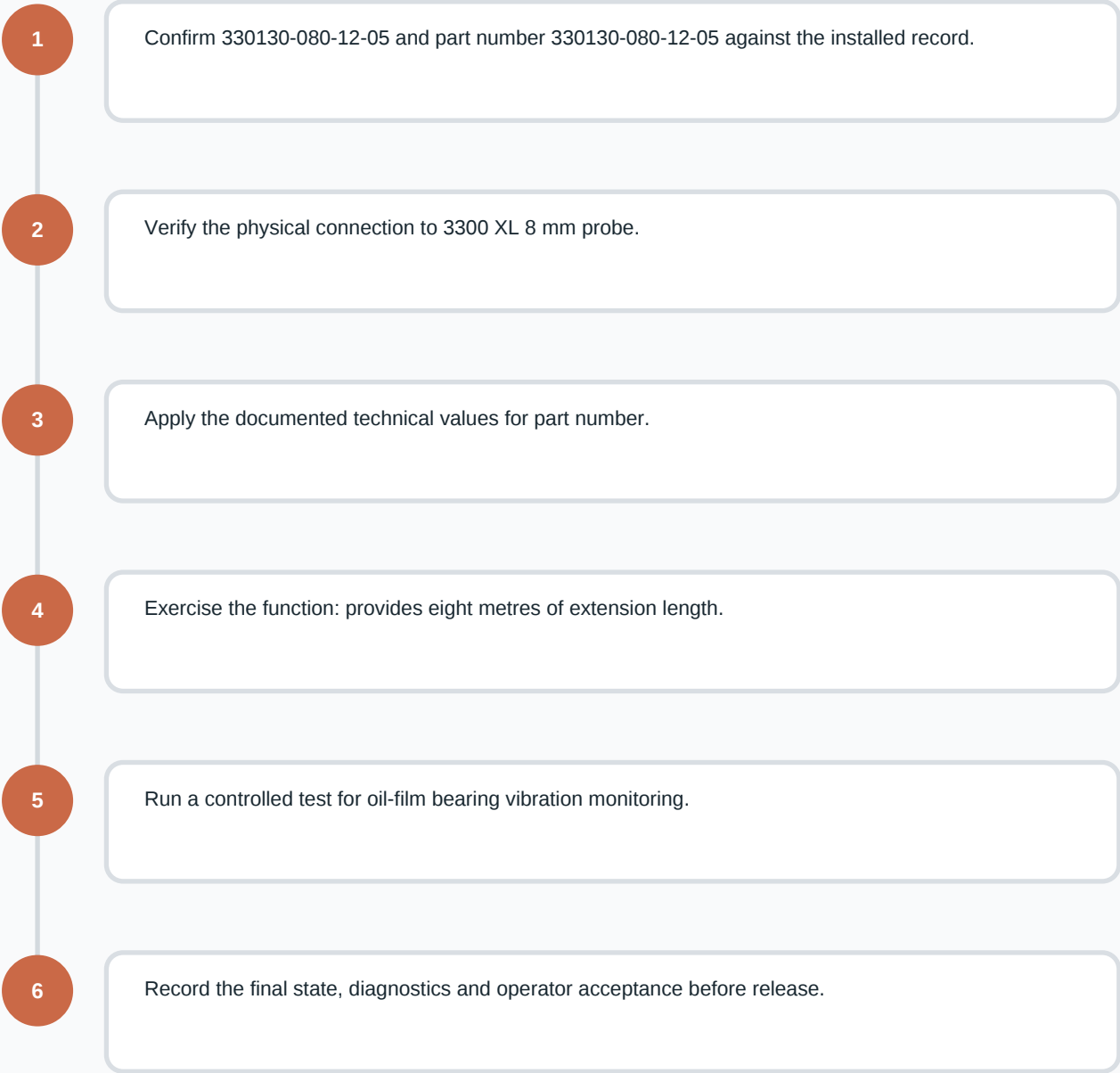
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	330130-080-12-05
Cable length	8.0 m (26.2 ft)
Cable type	FluidLoc
Connector protection	Connector protector
Agency approval option	Multiple approvals
Cable impedance	75 ohm triaxial
Cable insulation	FEP
Core resistance	1.76 +/- 0.26 ohm
Jacket resistance	0.53 +/- 0.11 ohm
Capacitance	69.9 pF/m typical
Minimum bend radius	25.4 mm (1.0 in)

FIELD NOTE

Verify the required total system length before connecting 330130-080-12-05, keep the protected ClickLoc joint free of oil and contamination, and route the FluidLoc cable without crushing, kinking or tensile load.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330130-080-12-05 / 330130-080-12-05 recorded
Physical interface	3300 XL 8 mm probe
Companion check	matched 3300 XL Proximitor Sensor
Functional proof	Provides eight metres of extension length
Application test	Oil-film bearing vibration monitoring

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

330130-080-12-05

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 PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
16925-30	Related Bently Nevada product	View 16925-30 page
330850-50-00	Related Bently Nevada product	View 330850-50-00 page
3500-50-133388-02	Related Bently Nevada product	View 3500-50-133388-02 page
330130-080-02-05	Related Bently Nevada product	View 330130-080-02-05 page
330104-00-08-10-02-05	Related Bently Nevada product	View 330104-00-08-10-02-05 page
3500-72M-176449-08	Related Bently Nevada product	View 3500-72M-176449-08 page
330101-00-66-10-02-CN	Related Bently Nevada product	View 330101-00-66-10-02-CN page
330101-00-58-10-02-CN	Related Bently Nevada product	View 330101-00-58-10-02-CN page

SOURCE IDENTIFIERS

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

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