

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

330101-XX-XX-20-02-05 MOD:147773-00-12

Proximity Probe

CONTROLLED ENGINEERING COPY

The XX length fields and MOD:147773-00-12 are custom identities not decoded by the standard table; preserve both exactly and verify the controlled drawing before installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330101-XX-XX-20-02-05 MOD:147773-00-12
Manufacturer part	330101-XX-XX-20-02-05 MOD:147773-00-12
Hardware type	3300 XL 8 mm
System family	3300 XL 8 mm Proximity Transducer System



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

1

Verify the complete 330101-XX-XX-20-02-05 MOD:147773-00-12 marking and its assigned 3300 XL 8 mm Proximity Transducer System position before work.

2

Place the connected radial shaft vibration 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 8 mm extension cable
- compatible 3300 XL Proximitior Sensor
- approved target surface
- configured monitor channel

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330101-XX-XX-20-02-05 MOD:147773-00-12 / 330101-XX-XX-20-02-05 MOD:147773-00-12 recorded
Physical interface	matched 3300 XL 8 mm extension cable
Companion check	compatible 3300 XL Proximitior Sensor
Functional proof	Uses the 3300 XL 8 mm transducer architecture
Application test	Radial shaft vibration



02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
probe family	3300 XL 8 mm
mounting thread	3/8-24 UNF
cable protection	Unarmored
unthreaded length code	Custom XX option
overall case-length code	Custom XX option
total probe-lead length	2.0 m
connector and cable option	miniature ClickLoc coaxial connector with standard cable
agency-approval option	CSA, ATEX and IECEx
linear measurement range	2.0 mm (80 mils)
incremental scale factor	7.87 V/mm (200 mV/mil)
frequency response	0 to 10 kHz, +0/-3 dB
recommended gap	approximately 1.27 mm (50 mils) at -9 V DC

FIELD NOTE

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03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330101-XX-XX-20-02-05 MOD:147773-00-12 / 330101-XX-XX-20-02-05 MOD:147773-00-12 recorded
Physical interface	matched 3300 XL 8 mm extension cable
Companion check	compatible 3300 XL Proximitor Sensor
Functional proof	Uses the 3300 XL 8 mm transducer architecture
Application test	Radial shaft vibration

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed matched 3300 XL 8 mm extension cable and compatible 3300 XL Proximity Sensor against the approved project record.
- ☐ Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- ☐ Prove the intended axial position monitoring function and retain the final controlled acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY

330101-XX-XX-20-02-05 MOD:147773-00-12

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 BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 130768 01	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 4300111	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 125565 01	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 125388 01	Bently Nevada monitoring product	Open Bently Nevada page
Yokogawa CP451 10 S2	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330104 03 06 10 02 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330104 00 15 10 02 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330104 00 12 10 02 00	Bently Nevada monitoring product	Open Bently Nevada page
Bently Nevada 330910 00 05 50 02 00	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6ES7223 1BL22 0XA0	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

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

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