

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

143493-00-080-040-50-00

legacy proximity probe assembly

CONTROLLED ENGINEERING COPY

Match the complete option string to the installed nameplate, controlled drawing and companion proximity-system hardware before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	143493-00-080-040-50-00
Manufacturer part	143493-00-080-040-50-00
Hardware type	143493-00-080-040-50-00
System family	Bently Nevada proximity transducer system



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 143493-00-080-040-50-00 marking and the assigned Bently Nevada proximity transducer system position before work.
- 2

Place the connected machinery and monitoring channel in the approved maintenance state before handling 143493-00-080-040-50-00.
- 3

Isolate every documented supply and field circuit before disconnecting 143493-00-080-040-50-00.
- 4

Record the installed connectors, conductors, cable routing and configuration associated with 143493-00-080-040-50-00.
- 5

Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 143493-00-080-040-50-00.

MATCHED HARDWARE

- Bently Nevada proximity transducer system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	143493-00-080-040-50-00 / 143493-00-080-040-50-00 recorded
Physical interface	Bently Nevada proximity transducer system
Companion check	documented companion hardware
Functional proof	Retains the complete 143493 ordering identity
Application test	Radial shaft vibration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete model	143493-00-080-040-50-00
Manufacturer	Bently Nevada
Product family	Bently Nevada proximity transducer system
Base part number	143493
Supplied option string	00-080-040-50-00
Approval-guide status	143493 is listed in the manufacturer approval matrix
Exact option decoding	Verify against the nameplate and controlled Bently Nevada drawing

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Bently Nevada proximity transducer system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Retains the complete 143493 ordering identity
Controlled acceptance duty	Radial shaft vibration

FIELD NOTE

Match the complete option string to the installed nameplate, controlled drawing and companion proximity-system hardware before replacement.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	143493-00-080-040-50-00 / 143493-00-080-040-50-00 recorded
Physical interface	Bently Nevada proximity transducer system
Companion check	documented companion hardware
Functional proof	Retains the complete 143493 ordering identity
Application test	Radial shaft vibration

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the documented companion hardware and ordering options for 143493-00-080-040-50-00 before energizing.
- ☐
- Restore power in a controlled sequence and review monitor, rack and host diagnostics for 143493-00-080-040-50-00.
- ☐
- Complete a controlled functional test and retain the final acceptance record for 143493-00-080-040-50-00.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	143493-00-080-040-50-00
INSTALLED POSITION	Documented Bently Nevada 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
Bently Nevada 21500 00 12 10 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21500 00 12 10 02 page
Bently Nevada 21500 00 32 05 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21500 00 32 05 02 page
Bently Nevada 330851 04 000 040 10 01 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330851 04 000 040 10 01 00 page
Bently Nevada 330881 28 05 050 03 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330881 28 05 050 03 02 page
Bently Nevada 21504 00 48 10 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21504 00 48 10 02 page
Bently Nevada 129525 0050 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 129525 0050 02 page
Bently Nevada 102044 00 32 10 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 102044 00 32 10 02 page
Bently Nevada 21000 11 05 00 085 03 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 11 05 00 085 03 02 page

SOURCE IDENTIFIERS

Approvals Quick Reference Guide
108M1756

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