

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

21000-16-10-000-102-03-02

21000 proximity-probe housing assembly

CONTROLLED ENGINEERING COPY

Because penetration exceeds 12 in only when C plus D is greater than 12 in, verify the installed geometry and provide support whenever the official threshold is met.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	21000-16-10-000-102-03-02
Manufacturer part	21000-16-10-000-102-03-02
Hardware type	21000-16-10-000-102-03-02
System family	21000 proximity-probe housing system



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 21000-16-10-000-102-03-02 marking and the assigned 21000 proximity-probe housing system position before work.
- 2

Place the connected machinery and monitoring channel in the approved maintenance state before handling 21000-16-10-000-102-03-02.
- 3

Isolate every documented supply and field circuit before disconnecting 21000-16-10-000-102-03-02.
- 4

Record the installed connectors, conductors, cable routing and configuration associated with 21000-16-10-000-102-03-02.
- 5

Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 21000-16-10-000-102-03-02.

MATCHED HARDWARE

- 21000 proximity-probe housing system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	21000-16-10-000-102-03-02 / 21000-16-10-000-102-03-02 recorded
Physical interface	21000 proximity-probe housing system
Companion check	documented companion hardware
Functional proof	Includes the 3300 XL 8 mm probe option
Application test	Radial shaft vibration

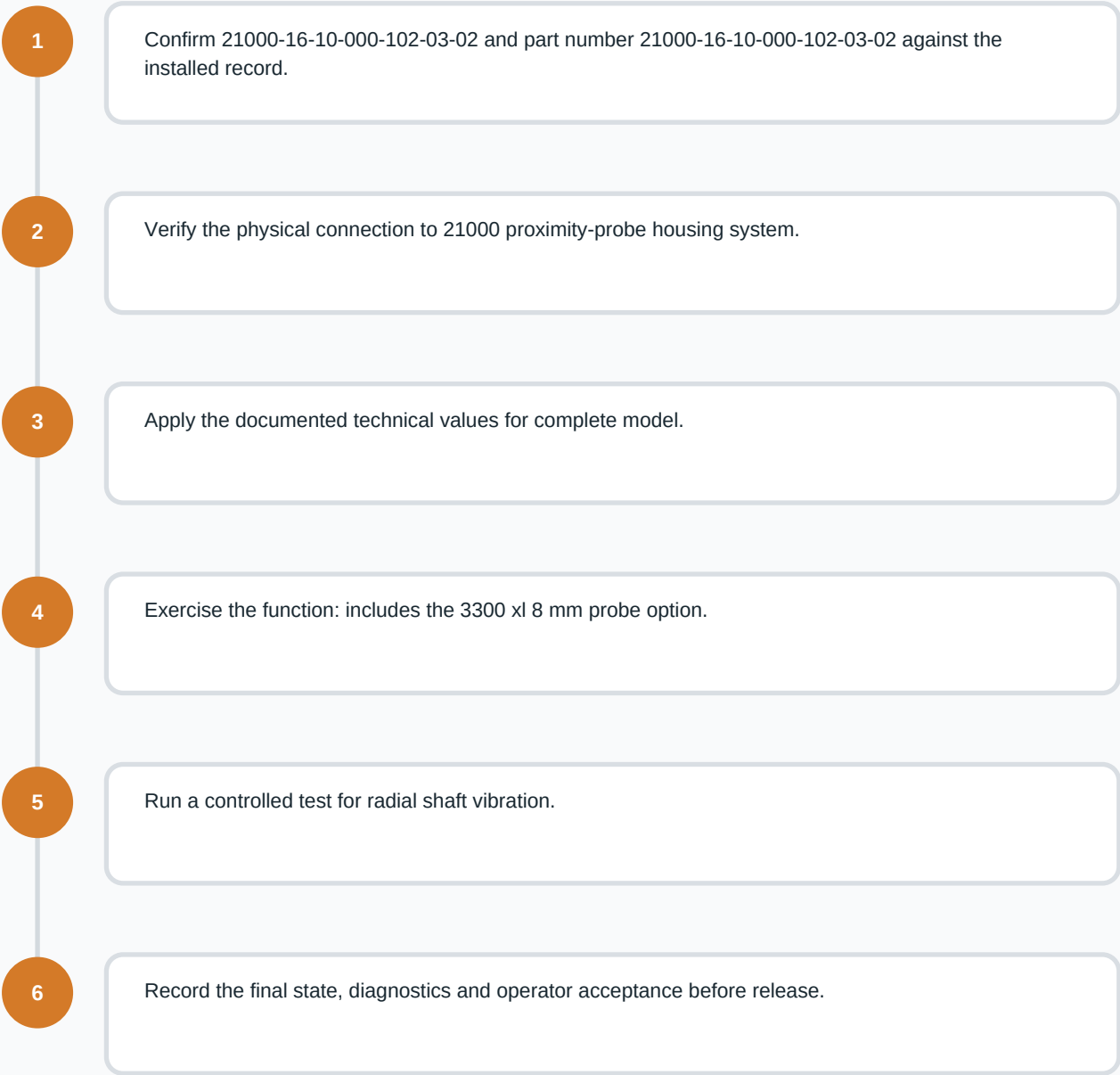
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete model	21000-16-10-000-102-03-02
Manufacturer	Bently Nevada
Product family	21000 proximity-probe housing system
Probe option	3300 XL 8 mm probe
Probe cable length	1.0 m
Standoff adapter	None
Probe penetration	10.2 in
Fitting option	3/4-14 NPT plug, 3/4-to-1/2-14 NPT reducer and cable seal grip
Mounting thread	3/4-14 NPT
Penetration adjustment	+/-0.5 in

FIELD NOTE

Because penetration exceeds 12 in only when C plus D is greater than 12 in, verify the installed geometry and provide support whenever the official threshold is met.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	21000-16-10-000-102-03-02 / 21000-16-10-000-102-03-02 recorded
Physical interface	21000 proximity-probe housing system
Companion check	documented companion hardware
Functional proof	Includes the 3300 XL 8 mm probe option
Application test	Radial shaft vibration

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the documented companion hardware and ordering options for 21000-16-10-000-102-03-02 before energizing.
- ☐
- Restore power in a controlled sequence and review monitor, rack and host diagnostics for 21000-16-10-000-102-03-02.
- ☐
- Complete a controlled functional test and retain the final acceptance record for 21000-16-10-000-102-03-02.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	21000-16-10-000-102-03-02
INSTALLED POSITION	Documented 21000 proximity-probe housing 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 330101 00 12 15 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 12 15 02 05 page
Bently Nevada 330101 00 31 20 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 31 20 02 05 page
Bently Nevada 330130 060 01 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330130 060 01 05 page
Bently Nevada 330703 00 50 10 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330703 00 50 10 12 05 page
Bently Nevada 330101 00 39 15 11 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 39 15 11 00 page
Bently Nevada 990 05 70 03 01	Related Bently Nevada machinery-monitoring product	View Bently Nevada 990 05 70 03 01 page
Bently Nevada 330930 060 07 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330930 060 07 05 page
Bently Nevada 330908 00 60 10 01 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330908 00 60 10 01 00 page

SOURCE IDENTIFIERS

21000, 24701 and 164818 Proximity Probe Housing Assemblies Datasheet
141600 Rev. AC

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