

3300/20

Thrust Position Monitor

CONTROLLED ENGINEERING COPY

Official current literature identifies the function and successor but does not republish all legacy electrical limits; use the installed 3300 manual and controlled drawing for terminal-level work.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3300/20
Manufacturer part	3300/20
Hardware type	thrust position
System family	Bently Nevada 3300 System



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 3300/20 marking and its assigned Bently Nevada 3300 System position before work.
- 2

Place the connected steam-turbine thrust protection process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- Bently Nevada 3300 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3300/20 / 3300/20 recorded
Physical interface	Bently Nevada 3300 System
Companion check	the documented companion module
Functional proof	Monitors axial thrust position
Application test	Steam-turbine thrust protection

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
monitor function	thrust position
system family	legacy 3300 monitoring system
measurement class	position measurement
application system	turbine supervisory instrumentation
machine classes	steam and gas turbines
protection purpose	position-related machinery protection
official replacement family	3500 ENCORE 3500/45E position monitor
replacement scope	one of six legacy 3300 position-monitor types replaced by 3500/45E

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Bently Nevada 3300 System
Companion hardware	the documented companion module
Field connection	approved field wiring
Primary system function	Monitors axial thrust position
Controlled acceptance duty	Steam-turbine thrust protection

FIELD NOTE

Official current literature identifies the function and successor but does not republish all legacy electrical limits; use the installed 3300 manual and controlled drawing for terminal-level work.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3300/20 / 3300/20 recorded
Physical interface	Bently Nevada 3300 System
Companion check	the documented companion module
Functional proof	Monitors axial thrust position
Application test	Steam-turbine thrust protection

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed Bently Nevada 3300 System and the documented companion module against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended gas-turbine axial position function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY

3300/20

INSTALLED POSITION

Documented Bently Nevada 3300 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 330854 080 25 00	Related industrial automation product	View Bently Nevada 330854 080 25 00 page
Bently Nevada 330105 02 12 15 12 CN	Related industrial automation product	View Bently Nevada 330105 02 12 15 12 CN page
Emerson KJ3003X1 EA1	Related industrial automation product	View Emerson KJ3003X1 EA1 page
Bently Nevada 330101 00 19 10 02 00	Related industrial automation product	View Bently Nevada 330101 00 19 10 02 00 page
Bently Nevada 330104 10 20 05 02 00	Related industrial automation product	View Bently Nevada 330104 10 20 05 02 00 page
Emerson WSNF8327B002	Related industrial automation product	View Emerson WSNF8327B002 page
Emerson WSNF8327A321MO	Related industrial automation product	View Emerson WSNF8327A321MO page
Emerson WSNF8551A409MO	Related industrial automation product	View Emerson WSNF8551A409MO page

SOURCE IDENTIFIERS

Baker Hughes ORBIT Vol. 32 No. 4 - 3500 ENCORE Position Monitor
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