

3300/20

Thrust Position Monitor

Bently Nevada 3300/20 is a legacy 3300-series thrust-position monitor used in turbine supervisory instrumentation systems.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3300 System

PART

3300/20

PRODUCT TYPE

Thrust Position Monitor

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Bently Nevada 3300/20 is a legacy 3300-series thrust-position monitor used in turbine supervisory instrumentation systems.

1

Monitors axial thrust position

2

Belongs to the legacy 3300 platform

3

Supports turbine supervisory instrumentation

4

Has an official 3500 ENCORE replacement path

SYSTEM COMPONENTS

Bently Nevada 3300 System

the documented companion module

approved field wiring

the controlled rack configuration

TECHNICAL 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.

TECHNICAL DATA

PARAMETER	VALUE
monitor function	thrust position
system family	legacy 3300 monitoring system
measurement class	position measurement
application system	turbine supervisory instrumentation

PARAMETER	VALUE
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

ENGINEERING 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Emerson VCCM8551G410MO	Related industrial automation product	View Emerson VCCM8551G410MO page
Emerson VCCM8551G309MO	Related industrial automation product	View Emerson VCCM8551G309MO page
Siemens 6SL3300 1AH32 5BA0	Related industrial automation product	View Siemens 6SL3300 1AH32 5BA0 page
Siemens 6SE7041 8GK85 0LA0	Related industrial automation product	View Siemens 6SE7041 8GK85 0LA0 page
Siemens 6SE7041 8EK85 1MA0	Related industrial automation product	View Siemens 6SE7041 8EK85 1MA0 page
Siemens 6SE7037 0EJ84 1JC2	Related industrial automation product	View Siemens 6SE7037 0EJ84 1JC2 page
Siemens 6SE7036 1EE85 1HA0	Related industrial automation product	View Siemens 6SE7036 1EE85 1HA0 page
Siemens C98043 A1682 L1	Related industrial automation product	View Siemens C98043 A1682 L1 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Steam-turbine thrust protection

Monitors axial thrust position

Gas-turbine axial position

Belongs to the legacy 3300 platform

Legacy TSI service

Supports turbine supervisory instrumentation

3500 ENCORE migration

Has an official 3500 ENCORE replacement path

PRODUCT PRECAUTIONS

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

ENGINEER FAQ

Q1 Which official monitor function applies to Bently Nevada 3300/20?

Baker Hughes documents the monitor function as thrust position. Verify this exact identity and its installed configuration before service.

Q2 How is the system family identified for Bently Nevada 3300/20?

Baker Hughes documents the system family as legacy 3300 monitoring system. Verify this exact identity and its installed configuration before service.

Q3 What measurement class is documented for Bently Nevada 3300/20?

Baker Hughes documents the measurement class as position measurement. Verify this exact identity and its installed configuration before service.

Q4 Which application system must be retained for Bently Nevada 3300/20?

Baker Hughes documents the application system as turbine supervisory instrumentation. Verify this exact identity and its installed configuration before service.

Q5 What does Baker Hughes specify as the machine classes for Bently Nevada 3300/20?

Baker Hughes documents the machine classes as steam and gas turbines. Verify this exact identity and its installed configuration before service.

Q6 How should technicians verify the protection purpose of Bently Nevada 3300/20?

Baker Hughes documents the protection purpose as position-related machinery protection. Verify this exact identity and its installed configuration before service.

Q7 Which published official replacement family distinguishes Bently Nevada 3300/20?

Baker Hughes documents the official replacement family as 3500 ENCORE 3500/45E position monitor. Verify this exact identity and its installed configuration before service.

Q8 What is the documented replacement scope used by Bently Nevada 3300/20?

Baker Hughes documents the replacement scope as one of six legacy 3300 position-monitor types replaced by 3500/45E. Verify this exact identity and its installed configuration before service.

SOURCE Baker Hughes ORBIT Vol. 32 No. 4 - 3500 ENCORE Position Monitor | ORBIT 2012 Q4

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