INSTALLATION & COMMISSIONING

Bently Nevada 3500/61E 285694-02

01 / PLAN AND IDENTIFY

Bently Nevada 3500/61E 285694-02 identifies the 3500/61E six-channel temperature monitor spare configured for non-isolated RTD inputs. It is used in 3500 ENCORE rack-upgrade applications that retain compatible 3300-series temperature I/O wiring.

Identity gate

Exact Identifier	3500/61E 285694-02
Monitor	3500/61E six-channel temperature monitor
Spare	285694-02
Execution	Non-isolated RTD

Work boundary

Exact item	Installed context	Acceptance
3500/61E 285694-02	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

Capture the complete identifier, installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

287825-01: monitor function and ENCORE application pp. 1-2; specifications and indicators pp. 2-5; software and exact 285694-02 spare identity p. 6.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
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03 / INSTALL AND CONNECT

04 / Installation check

Verify the complete 3500/61E 285694-02 identity and non-isolated RTD execution.

05 / Installation check

Confirm the installed legacy I/O module is supported by the 3500/61E arrangement.

06 / Installation check

Record every channel assignment and RTD type before removing the existing monitor.

07 / Installation check

Check the required 3500/01, System 1 and ENCORE 2 software revisions.

08 / Installation check

Preserve approved rack and field isolation procedures during replacement.

Documented data to respect

Monitor Family	3500/61E
Spare Part Number	285694-02
Channel Count	Six
Input Execution	Non-isolated RTD
Rack Role	3500 ENCORE temperature monitor
Legacy I/O Use	Designed for compatible 3300/30 and 3300/35 I/O modules

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The ENCORE monitor replaces the processing module while the existing compatible I/O arrangement remains part of the measurement path. Channel type, legacy wiring, software revision and alarm configuration must all be checked during replacement.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

Where is Bently Nevada 3500/61E 285694-02 used?

It is designed for compatible 3500 ENCORE rack-upgrade applications.

Which legacy I/O does Bently Nevada 3500/61E 285694-02 support?

The source identifies compatible 3300/30 and 3300/35 temperature I/O arrangements.

Which software must be checked for Bently Nevada 3500/61E 285694-02?

Verify 3500/01 version 4.0 or later, System 1 version 6.75 or later and ENCORE 2 version 4.6 or later.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.

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05 / HANDOVER

Can the RTD configuration be omitted when replacing Bently Nevada 3500/61E 285694-02?

No. Channel type, range, alarms and retained I/O wiring must be restored.

What confirms commissioning of Bently Nevada 3500/61E 285694-02?

Confirm all six channel readings, wiring-fault response, communications and alarm operation.

Handover record

Identity	Exact model and installed location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.

Manufacturer evidence

287825-01: monitor function and ENCORE application pp. 1-2; specifications and indicators pp. 2-5; software and exact 285694-02 spare identity p. 6.

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